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By: [Signature] NAVA, Date: [Signature]

5TH LAAM BN C/C JUL-Dec.66

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Authority 29614
By 23 NAVA Date 10/12/01

HEADQUARTERS
5th Light Antiaircraft Missile Battalion
3d Marine Aircraft Wing, FMFPac
Marine Corps Air Station
Yuma, Arizona 85364

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5750
27 Jan 1967

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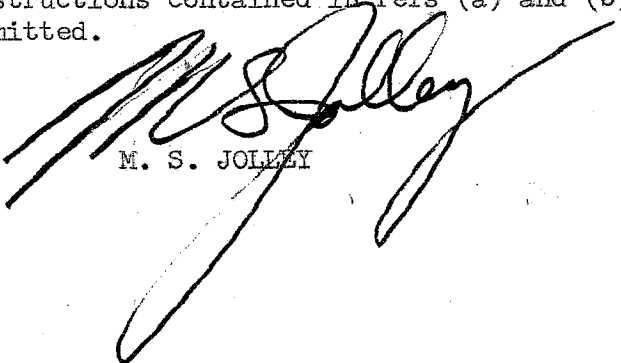
From: Commanding Officer
To: Commanding General, Third Marine Aircraft Wing, FMFPac, MCAS,
El Toro, Santa Ana, California 92709 (G-3)

Subj: Command Chronology for period 1 July 66 to 31 Dec 66

Ref: (a) FMFPacO 5750.8
(b) WgO 5750.1B

Encl: (1) - Command Chronology

1. In accordance with the instructions contained in refs (a) and (b), enclosure (1) is herewith submitted.



M. S. JOLLEY

5th RAAM Bn

Jul - Dec 66



HEADQUARTERS
5th Light Antiaircraft Missile Battalion
3d Marine Aircraft Wing, FMFPac
Marine Corps Air Station
Yuma, Arizona 85364

COMMAND CHRONOLOGY

1 July 66 to 31 Dec 66

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- PART I - ORGANIZATIONAL DATA
- PART II - NARRATIVE SUMMARY
- PART III - SEQUENTIAL LISTING OF SIGNIFICANT EVENTS
- PART IV - SUPPORTING DOCUMENTS

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 By 25 NAVA, Date 10/11/01

PART I

ORGANIZATIONAL DATA

1. <u>DESIGNATION</u>	<u>COMMANDER</u>
(RUC) 23980	Maj G. B. TOWNSEND
	1Jul66 to 31Aug66
5th Light Antiaircraft Missile Battalion	LtCol M. S. JOLLEY
	1Sep66 to Present

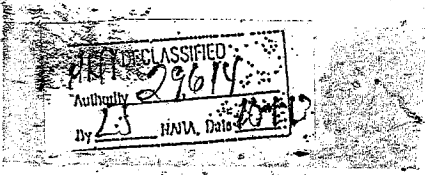
SUBORDINATE UNITS

Battery A	Maj R. G. YEZZI
	1Aug66 to Present
Battery B	Maj A. M. YOUNGER
	1Oct66 to Present
H&S Battery	Lt KAWOLASKI
	11Jul66 to 27Aug66
	Lt D. P. MAHONEY
	28Aug66 to 28Oct66
	Capt L. C. MALONE
	28Oct66 to Present

2. LOCATION
 1Jul66 to Present: MCAS Yuma, Arizona

3. STAFF OFFICERS

Executive Officer	Maj G. B. TOWNSEND
	1Sep66 to Present
S-1 Officer	W.O.-1 J. W. QUISENBERRY
	1Jul66 to Present



S-2/3 Officer

Maj R. F. HALLETT

28Oct66 to Present

S-4 Officer

Maj R. P. CAPATOSTO

30Oct66 to Present

Communication Officer

Capt R. A. HUGHES

10Sep66 to Present

4. AVERAGE MONTHLY STRENGTH

	USMC		USN	
	OFF	ENL	OFF	ENL
JUL	4	28	0	0
AUG	18	161	0	0
SEP	22	219	0	3
OCT	29	320	0	11
NOV	30	400	0	12
DEC	33	400	0	11

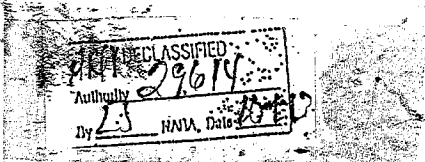
PART II

NARRATIVE SUMMARY

The 5th Light Antiaircraft Missile Battalion was activated 1Jul66, at MCAS Yuma, Arizona. Maj G. B. TOWNSEND assumed command of the Battalion on that date.

Maj. M. S. JOLLEY assumed command of the 5th LAAM Bn at the change of command ceremony 1Sep66. On 10Oct66 Lt. Col. JOLLEY was promoted to his present rank and was awarded the Navy Commendation Medal for meritorious service in the Republic of Viet Nam.

This reporting period has been primarily an organizational period during which the Battalion was brought nearly to strength in personnel and received much of its equipment. The Battalion's equipment started to arrive in Yuma during the month of November, with the remainder scheduled to arrive by February, 1967.



The Battalion is almost at strength personnelwise with the exception of MOS's 2532 and 3516. Battalion personnel have undergone extensive GMSF Training in lieu of HAWK training due to the lack of equipment and spare parts for use in practical application. A HAWK syllabus has been set up and instruction commenced 16Jan67.

PART III

SEQUENTIAL LISTING OF SIGNIFICANT EVENTS

A. Personnel

1. 1Sep66. Maj M. S. JOLLEY assumed command of the 5th Light Anti-aircraft Missile Battalion, relieving Maj G. B. TOWNSEND, at the change of command ceremony held at MCAS Yuma.

2. 1Oct66. LtCol M. S. JOLLEY was promoted to the rank of LtCol. At the promotion ceremony, LtCol JOLLEY was awarded the Navy Commendation Medal with the combat "V" for his meritorious service while serving as Executive Officer of the 2nd Light Antiaircraft Missile Battalion in the Republic of Viet Nam. See appendix A.

3. 14Oct66. 2nd Lt W. A. DAVIDSON set a new academic record of 97.17% at the 3rd Marine Aircraft Wing's Nuclear, Biological and Chemical Defense School. See appendix B.

4. 21Oct66. M/Sgt D. V. PARKER was awarded the Navy Commendation Ribbon at a ceremony held at the 5th LAAM Bn Headquarters. See appendix C.

5. 4Nov66. 1stSgt Alfonso JURADO set a new MCAS Pistol Range Record of 396. See appendix D.

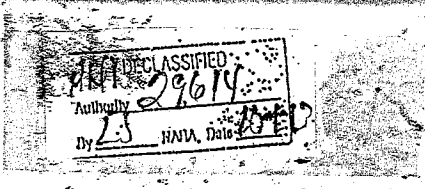
B. Administration

1. 1Jul66. The 5th Light Antiaircraft Missile Battalion was activated on 1Jul66 at MCAS, Yuma, Arizona and assigned to the 3rd MAW by authority of CMC msg 181748Z of Jun66. The following Batteries to be formed:

H&S Battery	1Jul66
Battery A	1Aug66
Battery B	1Oct66

C. Intelligence

None



The Battalion is almost at strength personnelwise with the exception of MOS's 2532 and 3516. Battalion personnel have undergone extensive GMSP Training in lieu of HAWK training due to the lack of equipment and spare parts for use in practical application. A HAWK syllabus has been set up and instruction commenced 16Jan67.

PART III

SEQUENTIAL LISTING OF SIGNIFICANT EVENTS

A. Personnel

1. 1Sep66. Maj M. S. JOLLEY assumed command of the 5th Light Anti-aircraft Missile Battalion, relieving Maj G. B. TOWNSEND, at the change of command ceremony held at MCAS Yuma.

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H&S Battery	1Jul66
Battery A	1Aug66
Battery B	1Oct66

C. Intelligence

None

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D. Training

1. Nov-Dec66. The Training Section initiated and supervised a period of extensive GMSP Training which was culminated in administering the GMSP test to 239 personnel of the Battalion. On 16Dec the individual Batteries assumed responsibility for GMSP Training.

2. 5Dec-16Dec66. 76 Battalion personnel were sent TAD to El Toro to requalify with the M-14 Rifle.

3. 9Dec66. LtCol PERCIVAL headed a Wing Orientation Team from El Toro, which presented a full day of Wing Organization, Function, Units, and Employment to the Battalion in the Station Theater.

4. 15Dec66. The Training Section completed a HAWK syllabus of instruction which will commence 16Jan67.

E. Special Operations

None

F. Command Relations

1Jul66. The 5th LAAM Bn is assigned to the 3rd MAW and reports to Wing Headquarters.

G. Equipment

Nov66. Much of the 5th LAAM Bn's equipment was received during November. Most of the remainder is anticipated by the end of February.

H. Logistics

Nov66. All operating and mount out stocks are on order, as are the ASA repair chassis. With the receipt of these and the remainder of Battalion's equipment the HAWK equipment will become operational.

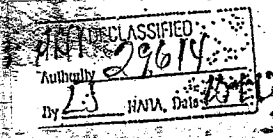
I. Community Relations

1. 21Oct66. 23 Marines from H&S Battery donated blood for a Yuma youth, Billy Wayne CANNON, who was to undergo a heart operation.

2. 13Nov66. 12 Marines from A Battery donated blood for the 19 month old son of Mr & Mrs Odes ROGERS of Yuma.

J. Communications

None



K. Activations

1. 1Jul66. The 5th Light Antiaircraft Missile Battalion was activated at MCAS Yuma, Arizona.
2. 1Jul66. Headquarters and Service Battery was activated at MCAS Yuma, Arizona.
3. 1Aug66. Battery A was activated at MCAS Yuma, Arizona.
4. 1Oct66. Battery B was activated at MCAS Yuma, Arizona.

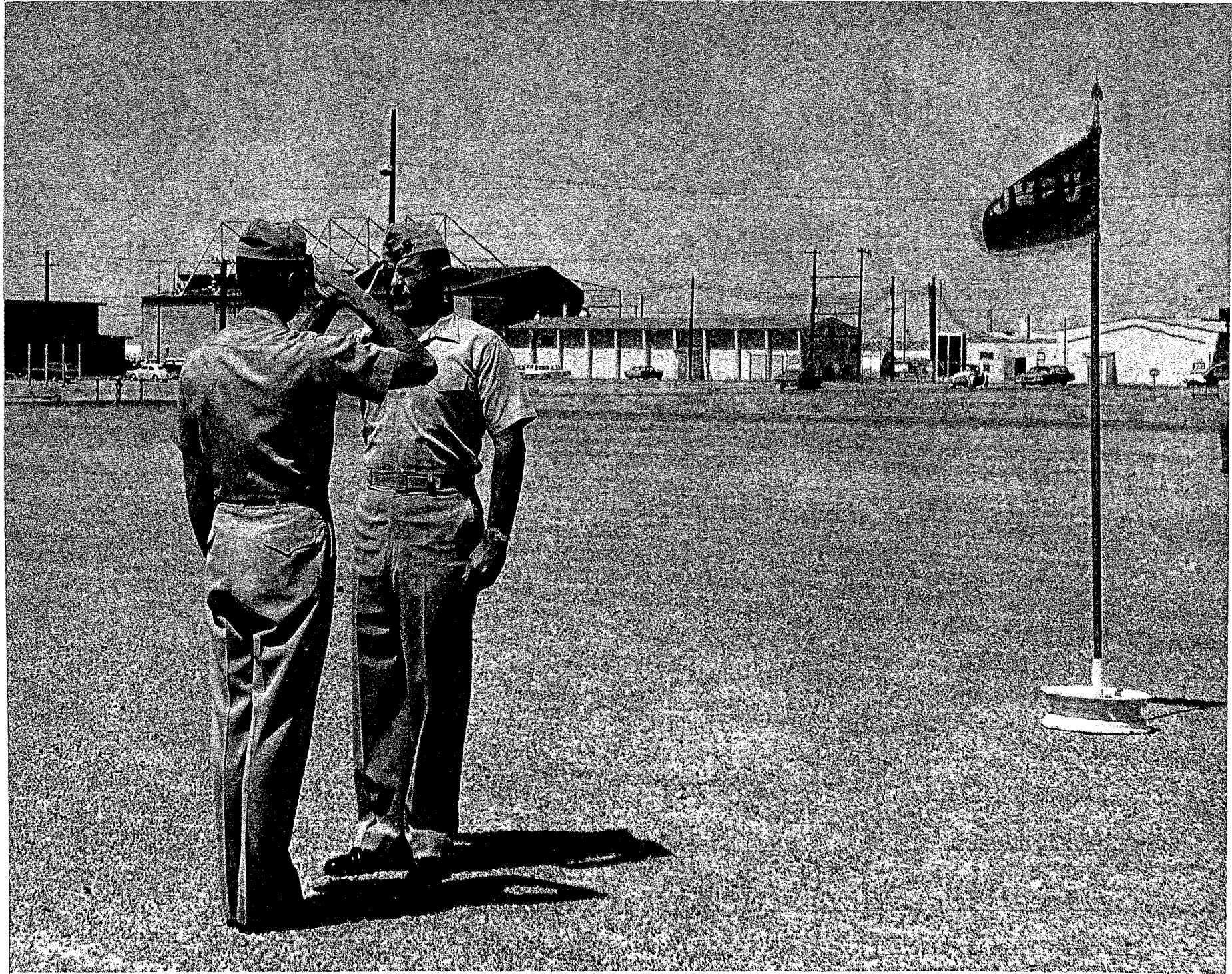
PART IV

SUPPORTING DOCUMENTS

- A-1 CHANGE OF COMMAND
- A-2 NEWS RELEASE
- B-1 APPEARED IN THE CACTUS COMET
- C-1 MGYSGT PARKER RECEIVING THE NAVY COMMENDATION AWARD
- D-1 APPEARED IN THE CACTUS COMET

DECLASSIFIED
Authority
By
Date
NND, Date

A-1



APPENDIX A
CHANGE OF COMMAND

DECLASSIFIED
Authority 29614
By 23 NAVA Date 2010

APPENDIX A
NEWS RELEASE

INFORMATIONAL SERVICES DIVISION
MARINE CORPS AIR STATION
YUMA, ARIZONA 85364

Rel No. 228-66
FOR IMMEDIATE RELEASE
Promotion & Navy Commendation
By: LCpl Dan SMITH

18 October 1966

October 13, 1966 is one date that the Commanding Officer of the Fifth Light Antiaircraft Missile Battalion aboard Marine Corps Air Station is not likely to forget for some time.

On this date Lieutenant Colonel Malcolm S. JOLLY was promoted to his present rank in the Marine Corps. Also at the same presentation, Lt. Col. JOLLY was awarded the Navy Commendation Medal with Combat V.

Lt. Col. JOLLY was awarded the Navy Commendation Medal for his meritorious service while serving as the Executive Officer of the Second Light Antiaircraft Missile Battalion Marine Headquarters Group 1, First Marine Aircraft Wing, located in the Republic of Vietnam.

By demonstrating a high degree of loyalty, with professional competence and determination, Lt. Col. JOLLY assisted "immeasurably" in establishing, as an effective unit, the first Hawk Missile Battalion in the Chu Lai area.

Lt. Col. JOLLY further distinguished himself by his imaginative solutions to the many problems encountered by a newly deployed unit.

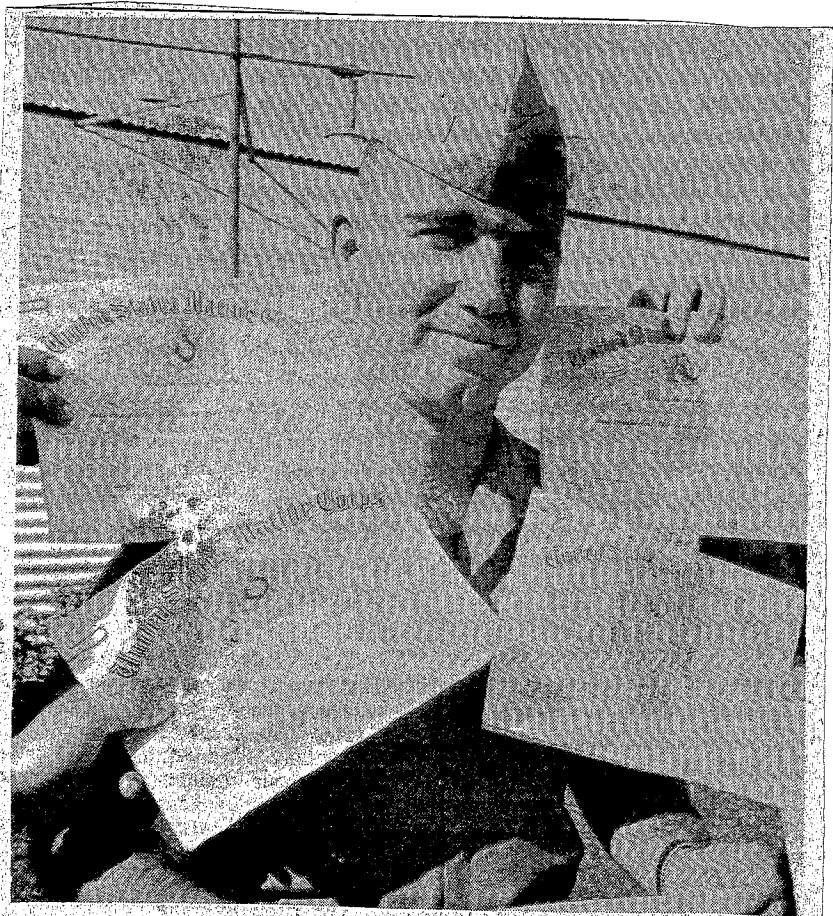
Lt. Col. JOLLY was the Executive Officer of the Second Light Antiaircraft Missile Battalion from September 1, 1965 to July 24, 1966.

His citation was signed by Major General A. R. KIER, Commanding General of Fleet Marine Force, Pacific.

Lt. Col. JOLLY's wife, Melissa, was present for the ceremony and upheld the tradition of assisting the Commanding Officer in pinning on her husband's new silver oakleaves.

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By 23 NNA, Date 10/10

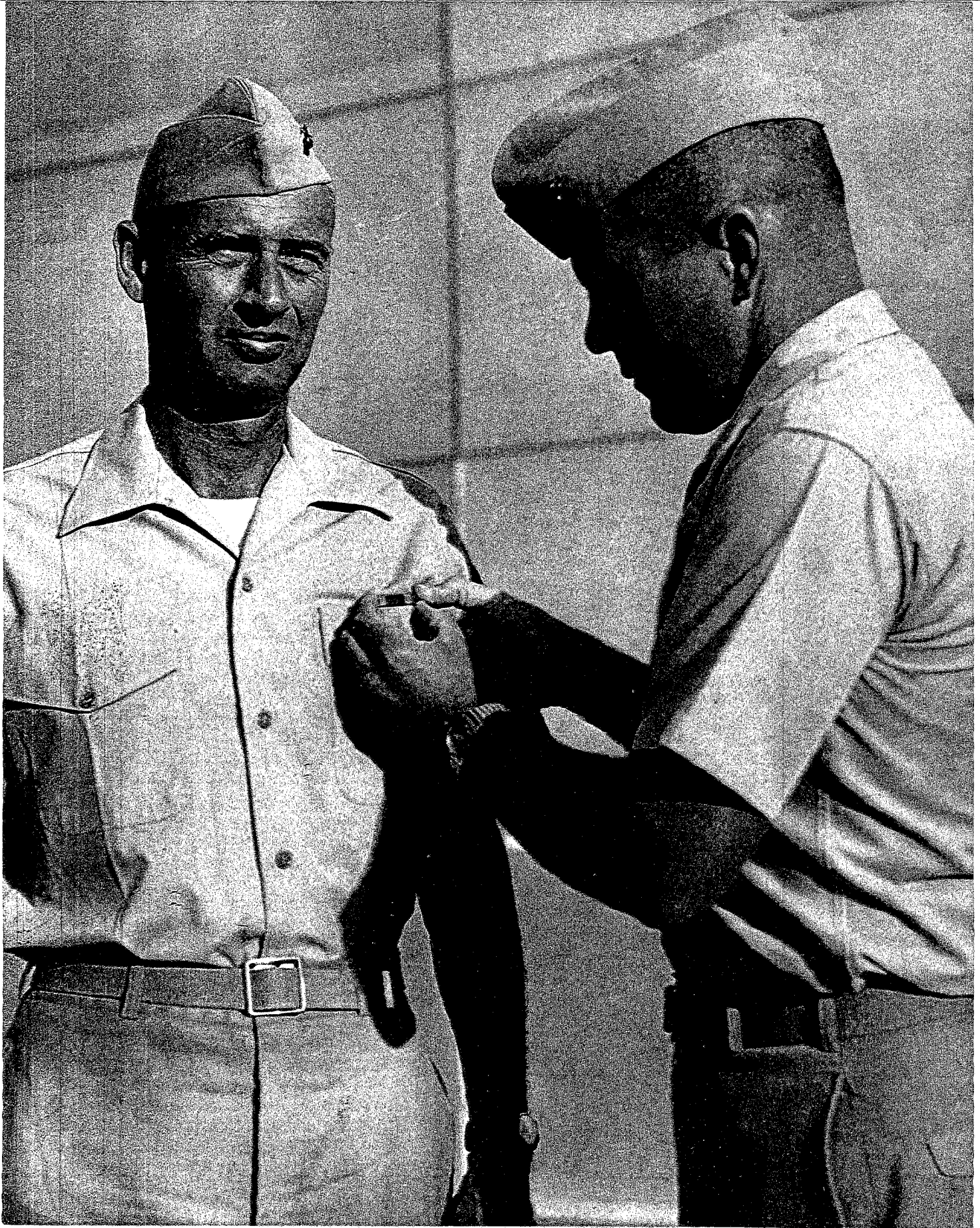
APPENDIX B
APPEARED IN THE CACTUS COMET



SETS RECORD SCORE—Surrounded by diplomas, Second Lieutenant W. A. Davidson III, smiles proudly after setting a new record of 97.17 percent at the Third Marine Aircraft Wing's Nuclear, Biological, and Chemical Defense School. Davidson, a member of the 5th Light Anti-Aircraft Missile Battalion, Marine Corps Air Station, Yuma, Ariz., and eleven other Marines completed the two-week course at the El Toro Marine Corps Air Station October 14. The previous record for the course was a 96.05 percent average.

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By [signature] NAVA, Date 12/10/01

APPENDIX C
MCYSGT P. [redacted] RECEIVING THE NAVY COMMENDATION AWARD



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 By: [Signature] NAVA, Date: 10/1/01

APPENDIX D

APPEARED IN THE CACTUS COMET

FOUR LESS THAN PERFECT

LAAM First Sergeant Sets New Pistol Mark

First Sergeant Alfonzo Jurado, of the Fifth Light Antiaircraft Missile Battalion, aboard the Marine Corps Air Station, has broken the Pistol Range record as he was four less than perfect with a 396.

Sergeant Jurado wasn't really impressed with his score as he has fired higher. In 1960, while a member of the Marine Corps Pistol Team, he fired a 397 at Camp Lejune.

Sergeant Jurado became interested in firing the pistol in 1949 when he first fired one.

The first year that Sgt. Jurado competed in Competition Matches was in 1950. Since 1952 he has been designated a Distinguished Pistol Shot, (the highest rating for a marksman in the Marine Corps) and has

competed as a member of the Marine Corps Pistol Team from 1954 to 1957 and again from 1959 to 1960.

He has competed in matches all over the United States and has numerous medals from Eastern Division Matches, Marine Corps Matches, and National Competition Matches.

As a result of Sgt. Jurado's outstanding shooting at MCAS, he was awarded a Meritorious Mast by the Commanding Officer, Lieutenant Colonel Malcolm S. Jolley.

Here are Sgt. Jurado's scores that resulted in the new record: SLOW FIRE - 97-100, RAPID FIRE - 100-100, TIMED FIRE - 99-100, QUICK FIRE - 100-100. The total is four less than perfect.



FOUR LESS THAN PERFECT—First Sergeant Alfonzo Jurado is being congratulated by his Commanding Officer, Lieutenant Colonel Malcolm S. Jolley, for setting the new Pistol Range record of 396 aboard the Marine Corps Air Station.

(OFFICIAL USMC PHOTO BY SGT. KEEFER)

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5TH LAAM BU
e/c
Jan-Jun-67

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By: J.S. NAVA, Date: 10/11/01

HEADQUARTERS
5th Light Antiaircraft Missile Battalion
3d Marine Aircraft Wing, FMFPac
Marine Corps Air Station
Yuma, Arizona 85364

O3:ACT:jal
5750 #
11 Jul 1967

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From: Commanding Officer
To: Commanding General, Third Marine Aircraft Wing, FMFPac, MCAS El Toro,
Santa Ana, California 92709 (G-3)

Subj: Command Chronology for period 1 Jan 67 to 31 Jun 67

Ref: (a) FMFPacO 5750.8
(b) WgO 5750.1B

Encl: (1) Command Chronology

- In accordance with the instructions contained in references (a) and (b) enclosure (1) is herewith submitted

[Handwritten Signature]
H. S. JOLLEY

5-2
8AAM
BM

ENCLOSURE *(C)*

Jan - Jun 67



HEADQUARTERS
5th Light Antiaircraft Missile Battalion
3d Marine Aircraft Wing, FMFPac
Marine Corps Air Station
Yuma, Arizona 85364

COMMAND CHRONOLOGY

1 Jan 67 to 31 Jun 67

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- PART IV - SUPPORTING DOCUMENTS

DECLASSIFIED
 Authority 29614
 By 2-3 NAVA Date 10-11-01

PART I

ORGANIZATIONAL DATA

1. DESIGNATION

COMMANDER

(HUC) 23980
 5th Light Antiaircraft
 Missile Battalion

LtCol M.S. JOLLEY
 1Sep66 to Present

SUBORDINATE UNITS

Battery A

Maj R.C. YEZZI
 1Aug66 to 27Apr67

Capt J.W. ROBBEN
 28Apr67 to Present

Battery B

Maj A.M. YOUNGER
 10Oct66 to 15Jun67

CAPT D.D. SMITH
 16Jun67 to Present

H&S Battery

Capt L.G. MALONE
 28Oct66 to Present

2. LOCATION

1Jul66 to Present: MCAS Yuma, Arizona

3. STAFF OFFICERS

Executive Officer

Maj G.B. TOWNSEND
 1Sep66 to Present

S-1 Officer

W.O.-1 J.W. QUISENBERRY
 1Jul66 to Present

S-2/3 Officer

Maj R.F. HALLETT
 28Oct66 to 30Apr67

Capt W.H. ALLEN JR
 1May67 to Present

S-4 Officer

Maj R.F. CAPATOSTO
 30Oct66 to Present

Communication Officer

Capt R.A. HUGHES
 10Sep66 to Present

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4. AVERAGE MONTHLY STRENGTH

	<u>USMC</u>		<u>USN</u>	
	<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>
JAN	39	457	1	11
FEB	41	479	1	11
MAR	39	482	1	11
APR	44	490	1	11
MAY	43	519	1	11
JUN	49	523	1	11

PART II

NARRATIVE SUMMARY

The completion of the first 90 day training cycle, which culminated in a FIREX at MCAS Yuma, Arizona on 18-21 Apr 1967, signifies the readiness status of the battalion. More important, it provided the Marine Corps with a primary source of HAWK trained personnel to support the RVN-deployed 1st and 2nd LAAM Battalions.

This reporting period has seen the arrival of most of the major equipment and enabled the battalion to achieve a C-2 state of readiness. Personnel are receiving extensive HAWK training and participate in many planned practical application exercises.

Extensive planning has been done to enable the 5th LAAM Bn to meet its future training requirements. A proposal for the establishment of a formal HAWK school has been submitted to HQMC and authorization has been made for the construction of adequate facilities to house a LAAM Battalion at MCAS Yuma, Arizona.

PART III

SEQUENTIAL LISTING OF SIGNIFICANT EVENTS

1. Personnel

- a. 15Feb67. Corporal Byron W. KEMER was awarded the Bronze Star Medal with Combat "V" during a formal ceremony held at MCAS Yuma, Arizona. See Appendix A
- b. 7Apr67. 2/Lt Harold B. JOHNSON was awarded the Navy Commendation Medal with Combat "V".

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c. 26Apr67. Sgt Homer F. STAFFS JR was awarded the Navy Commendation Medal with Combat "V".

d. 30Apr67. MSgt John P. BROWN was released from active duty to the Fleet Marine Corps Reserve effective 30 April 1967. CySgt Herman WALKER JR was promoted to his present rank at the same ceremony.

2. Administration

a. Jan-Jun67. The 5th LAAM Bn provided HAWK trained officers and enlisted personnel to support the RVN - deployed 1st and 2nd LAAM Battalions.

3. Intelligence

a. Jan-Jun67. Weekly intelligence briefs compiled by the S-2 were given to the staff and officers of the battalion.

b. Jan-Jun67. Pertinent records and background on contemporary military operations accumulated from various news sources are being kept by the S-2.

4. Training

a. 16Jan67. Sufficient personnel, supplies, major items of equipment, and training material were on hand or developed to warrant commencement of the first 90 day training cycle.

b. 21Apr67. The training cycle was culminated by a FIREX which was the 5th LAAM Bn's first HAWK missile shoot. See Appendix B

c. Jan-Jun67. Weekly staff/officer classes were highlighted with lectures on narcotics by CID and medical personnel, on the Mideast by a former United Nations Area Representative and comprehensive leadership seminars led by LtCol M.S. JOLLEY.

d. Jan-Jun67. Weekly coordination exercises were held with MACS-1 on air defense.

5. Special Operations

a. March 67. Field demonstration for foreign officers.

b. April 67. Field deployment exercises involving night perimeter defense training.

c. 19-21May67. Participated in Operation Royal Road in conjunction with CGF PLASPIHT.

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 BY 23 NAVA Date 2012

d. 24May67. Participated with the Canadian Army in tracking drills using the United States, Great Britian and German developed AN/USD 501 Surveillance Drone System.

e. 8May67. Same as above.

6. Command Relations

The 5th LAAM Bn is under the operational and administrative control of the 3d MAW.

7. Equipment

a. 24Mar67. Authorization of project P-076, 400 cycle power project. See Appendix C.

b. 28May67. Arrival of most of the major equipment enabled achievement of a C-2 state of readiness.

8. Communications

Jan-Jun67. Participate in weekly training nets with MACS-1 and the TACC.

9. Activations/Deactivations/Redesignations

None

10. Flanning

a. The following military construction item data projects have been initiated to provide the necessary facilities for a LAAM Battalion at MCAS, Yuma.

<u>Project</u>	<u>Description</u>	<u>Proposed</u>
P-111	LAAM/MACS, Training Site	69
P-076	400 Cycle Power Project	67
P-080	Headquarters Bldg	70
P-086	Comm Elect Maint Shop	70

b. Thorough planning and research is underway for a seperate formal HAWK training unit within the Battalion. The proposed school would provide fully trained combat ready Marines in HAWK MOS's for duty with the Fleet Marine Force.

11. Savings Bond Drive

a. 31Mar67. LtCol N.S. JOLLEY was presented with an award for the Battalion obtaining over 75% savings bond participation.

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By 23 NAVA Date 2010

b. 31Jun67. Savings bond drive continues with Battery B obtaining 100% participation, Battery A 97% and H&S Battery 76%. See Appendix D.

12. Social Events

a. 31Mar67. Officers Mess Night was held with honored guest Maj.-Gen. QUILTER. See Appendix E.

13. Community Relations

a. Feb67. Participated in the Silver Spur Rodeo Parade with HAWK equipment.

b. 13-18Mar67. Participated in Military Appreciation Week at MCAS Yuma, Arizona with a static display of HAWK equipment.

c. May67. Presented a tactical display of a HAWK assault fire unit for Armed Forces Appreciation Day in Brawley, California.

d. 17Jun67. Participated in the Veterans of Foreign Wars celebration with HAWK equipment.

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PART IV

SUPPORTING DOCUMENTS

A-1 Appeared in CACTUS COMET

B-1 Appeared in CACTUS COMET

C-1 News Release

D-1 Appeared in CACTUS COMET

E-1 Appeared in CACTUS COMET

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By 23 NAVA, Date 10/11/01

appeared in MARINE CORPS



MY HERO — Mrs. Byron Kenner admires her husband's Bronze Star which he received during formal ceremonies at the 5th LAAM Bn. aboard MCAS Yuma, Ariz.

★ ★ ★

Kenner Presented Bronze Star for Vietnam Efforts

Cpl. Byron W. Kenner was presented the Bronze Star, with Combat "V," during a formal ceremony held recently at MCAS Yuma, Ariz.

Kenner received the award for heroic achievement in connection with operations against Viet Cong forces in Vietnam.

While serving with the Headquarters and Service Company, Battalion Landing Team, 2d Battalion, 1st Marines, as a radio operator Dec. 10, 1965, Kenner and his team members were inadvertently landed in Company F's zone of action, a stretch of open rice paddies which was being swept with intense small arms and automatic weapons fire from

Viet Cong in well concealed positions.

With only a low dike to protect him from the savage hostile fire, Kenner fearlessly set up his radio and proceeded to establish contact with air operations. Although he was constantly exposed to enemy fire from his position, which was only 500 meters from VC emplacements, he doggedly continued to maintain communications for five hours until friendly units relieved the pressure of attack.

"His exceptional service undoubtedly saved the lives of many Marines participating in the action, and contributed in a large measure to the overall success of operation Harvest Moon.

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By: [signature] NAVA, Date: [signature]

LAAM Battalion Fires First Hawk Missiles

Fifth Light Anti-Aircraft Missile Battalion with more than 100 spectators looking on fired their first missiles Wednesday night since their activation last year.

The first missile to be launched by 5th LAAM actually took place shortly after noon Wednesday. Four

missiles in all were fired during the daylight hours but these firings were kept strictly tactical. Two missiles were fired at night for the benefit of the newsmen and town businessmen.

Major General Charles J. Quilter was present for the event that 5th LAAM's has been training for since the summer of last year.

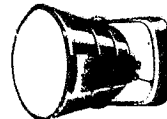
In addition to the missile launching a demonstration of night firing tactics by ground forces was also viewed by the spectators. The spectators were comprised of Yuma businessmen and civic leaders that were guests of Lieutenant Colonel M.S. Jolly, commanding officer of LAAM, and Colonel J.H. McGlothlin, Jr., commanding officer of MCAS.

Because of the Cactus Comet's deadline commitments complete coverage of the epic event will not appear until the May 5 issue.

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 BY 23 NNA Date 10/12

News release

Spotlight



CONSTRUCTION APLENTY FOR MCAS

The growing pains of MCAS, Yuma will be eased somewhat during the next two years. With the activation of the 5th Light Anti Aircraft Missile Battalion and with the relocation of VMT-103, the subsequent increase of personnel aboard the Station caused many of the facilities to be inadequate to handle the ever increasing demand.

The following contracts for construction will be awarded by July of this year. A new BOQ structure to house 40 men; two enlisted barracks for 420 men; an engine overhaul shop for aircraft maintenance and a Turbo Jet Engine Test Facility to provide necessary test stands for the testing and checking out of aircraft engines following overhaul.

Fifth LAAM Battalion will be provided with 400-Cycle, 3-Phase electrical power for motor generator units. Presently the battalion is using their diesel-driven generators which are a part of their deployment equipment and should not be depreciated in garrison.

The Department of Defense has submitted to the Congress a Military Construction Authorization Bill for fiscal year 1968 totaling \$2,635,238,000, of which \$2,238,000 has been allotted to MCAS. If the bill is approved construction on new

medical facilities, a 600-seat chapel, a Gym and a new structural fire and crash station will begin in February.

The present medical building and chapel are wooden structures built in 1943.

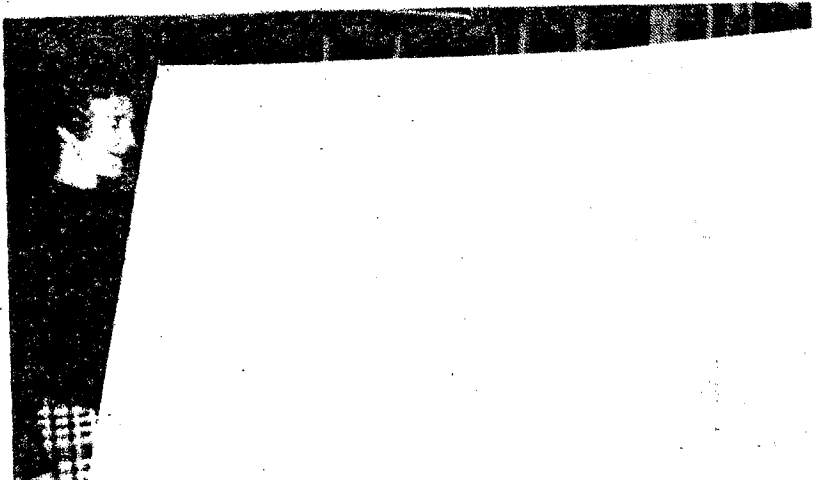
The new structural fire and crash station will provide housing for fire fighting and crash equipment, maintenance and storage space, and personnel quarters for civilian and military units responding to calls for structural fires on and off station and also air crashes.

Also included in the list of projects for 1968 is 400-Cycle Power

for MACS-1 and a Compass Calibration Pad. Compasses are presently sent to El Toro for calibration.

During the next two years vast improvements will be made on many of the station's operational facilities and community facilities. A tentative building schedule has already been prepared for 1972.

Major General William G. Thrash, commanding general of Marine Corps Air Bases, Western Area, said during a recent visit to MCAS that the station's future looks very bright and that its growth will be considerable for the next five years.



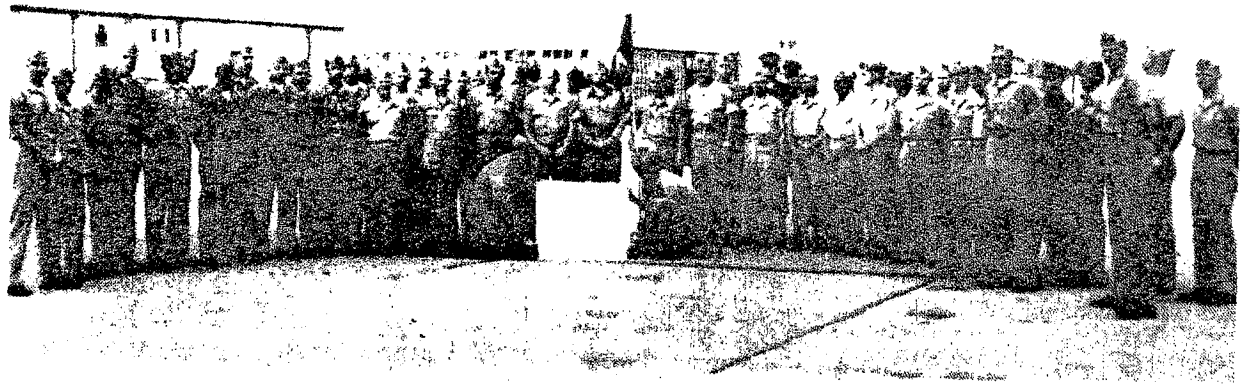
Dad Cross Drive

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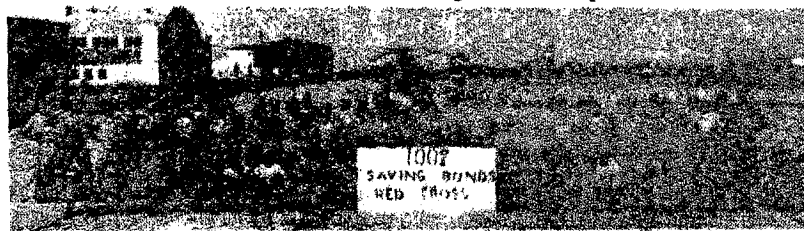
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APPEARED IN STATUS QUO

THE CACTUS COMET

March 24, 1967



91% GROUP EFFORT—Battery A, 5th Light Anti-Aircraft Missile Battalion, MCAS, Yuma, has supported the Savings Bond Program with 91 men out of 100 contributing. Major General C. J. Quilter, commanding general, 3d Marine Aircraft Wing, sent a Letter of Recognition to Battery A for their participation in the Savings Bond Program. (They have since raised their percentage to 95%). Major R. C. Yezzi, commanding officer, Battery A, and 1st.Sgt. J. Jones display the sign that shows their percentage. (OFFICIAL USMC PHOTO BY CPL. FINNELL).



PERFECTION—Striving for perfection, the Marines of "B" Battery Fifth Light Anti-Aircraft Missile Battalion (5th LAAM) MCAS Yuma, each contributed to the Red Cross and Savings Bonds program, and achieved 100% participation. Major A. M. Younger, commanding officer, "B" Battery, labeled this as a "great individual effort on the part of the men." (OFFICIAL USMC PHOTO)

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By 23 HANA Date 10/10/01

Appeared in MCTUS RISE



THE BEEF IS SERVED—Major General C. J. Quilter looks with delight as Corporal Herman Smith, chief steward of the Officer's Mess, serves the first slice of beef during the 5th LAAM Mess Night. See additional photo on page 2.

(OFFICIAL USMC PHOTO BY CPL. HOWARD)



FILLS VP'S CUP—Lieutenant Colonel M. S. Jolly, commanding officer of 5th LAAM Battalion, fills the cup of Second Lieutenant Lynn Wilson, the vice president of the Mess Night ceremonies, with the beverage used to toast the Corps. See story and picture on page 1.

(OFFICIAL USMC PHOTO BY CPL. HOWARD)

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By [signature] NAVA Date 2012

5TH LAAM BN

C/C

JUL-Dec 67

DECLASSIFIED
Authority 29619
By 23 NAVA Date 2012

HEADQUARTERS
5th Light Antiaircraft Missile Battalion
MACG-38, 3dMAW, FMFPac
Marine Corps Air Station
Yuma, Arizona 85364

03:DDS:jal
5750
12 Jan 1968

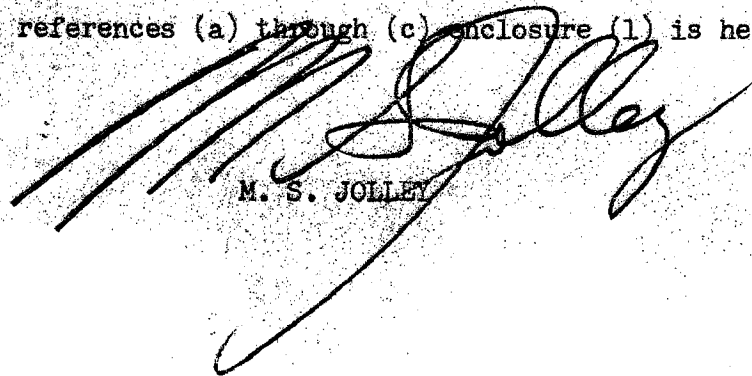
From: Commanding Officer
To: Commanding Officer, Marine Air Control Group 38

Subj: Command Chronology

Ref: (a) MCO 5750.2A
(b) WgO 5750.1B
(c) GruO 5750.1

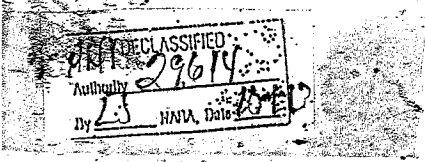
Encl: (1) Command Chronology for period 1 Jul 67 to 31 Dec 67

1. In accordance with references (a) through (c) enclosure (1) is hereby submitted.


M. S. JOLLEY

57
244M
BN

June - Dec 1967



COMMAND CHRONOLOGY

1 July to 31 Dec 67

INDEX

- PART I - ORGANIZATIONAL DATA
- PART II - NARRATIVE SUMMARY
- PART III - SEQUENTIAL LISTING OF SIGNIFICANT EVENTS
- PART IV - SUPPORTING DOCUMENTS



PART 1

ORGANIZATIONAL DATA

1. DESIGNATION

COMMANDER

(RUC) 23980

5th Light Antiaircraft
Missile Battalion

LtCol M. S. JOLLEY
1Sep66 to Present

SUBORDINATE UNITS

Battery A

Capt J. W. ROBBEN
28Apr67 to 16Aug67

Capt W. A. DAVIDSON III
17Aug67 to 5Dec67

1stLt T. T. BEAN
6Dec67 to Present

Battery B

Capt D. D. SMITH
17Jul67 to 16Aug67

Capt J. A. MOORE
17Aug67 to 5Dec67

1stLt B. R. HARRIS
6Dec67 to Present

H&S Battery

Capt L. G. MALONE
28Oct66 to Present

2. LOCATION

1Jul66 to Present: MCAS Yuma, Arizona

3. STAFF OFFICERS

Executive Officer

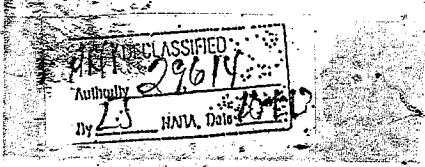
Maj G. B. TOWNSEND
1Sep66 to 31Jul67

Maj R. C. YEZZI
1Aug67 to Present

S-1 Officer

W.O.-1 J. W. QUISENBERRY
1Jul66 to 17Sep67

1stLt D. J. COLLINS
18Sep67 to Present



S-2/3 Officer

Maj W. H. ALLEN Jr.
1May67 to 10Aug67

Capt R. W. GREEN
11Aug67 to 20Dec67

Capt D. D. SMITH
21Dec67 to Present

S-4 Officer

Maj R. P. CAPATOSTO
30Oct66 to 22Jul67

1stLt B. C. LONG
23Jul67 to 10Sep67

Maj G. H. KELLENBARGER
11Sep67 to Present

Communication Officer

Capt R. A. HUGHES
10Sep66 to Present

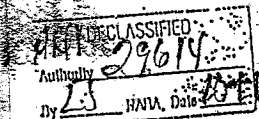
4. AVERAGE MONTHLY STRENGTH

	<u>USMC</u>		<u>USN</u>		<u>OTHER</u>	
	<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>
Jul	49	508	1	11	NONE	
Aug	49	503	1	12		
Sep	47	489	1	12		
Oct	44	473	1	10		
Nov	44	457	2	8		
Dec	45	470	2	7		

PART II

NARRATIVE SUMMARY

The 5th LAAM Bn culminated its third 90 day training cycle with a Missile FIREX at MCAS, Yuma in Sep67. The Battalion made a notable advance in the art of anti-airwarfare training by employing the use of an F/4 aircraft towing a TDU-22/B target. Composite Squadron - 7 (VC-7), and 5th LAAM Bn had the distinction of being the only units in the CONUS to conduct such an unusual, but never the less, successful experiment. A series of inspections were conducted during this period. On 18 and 19 July the Wing performed reinspection of the Battalion and noted a tremendous improvement in two areas that had been found lacking in an earlier inspection. On 26 and 27 Sep67 the FMFPac Inspection was conducted, and then on 13-17 Nov67 the Wing conducted another A&M Inspection. The Battalion received an overall rating of Satisfactory with Minor Discrepancies. These series of inspections will be culminated with the Inspector General's Inspection scheduled for Jan68.



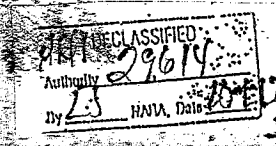
One of the most significant accomplishments during this period was the Battalion's participation in Operation Blue Lotus conducted on 28 Nov - 3 Dec 67. According to the Marine Corps Gazette of Jan 1968, this was the largest amphibious operation to be conducted in a number of years. 5th LAAM Bn participated as an aggressor unit in the anti-air warfare portion of the operation. The highlight of this operation was the movement of the entire Battalion by the 63rd MAC Stationed at Norton AFB. A total of five C-141 aircraft and over 100 airmen participated in the airlift. A great deal of planning and coordinating had been conducted prior to the airlift between the 63rd MAC unit and 5th LAAM Bn, and it proved to be highly purposeful.

PART III

SEQUENTIAL LISTING OF SIGNIFICANT EVENTS

1. Personnel

- a. 15Jul67. 1stLt W. W. BENSON graduated number one from Career Advisory School conducted at San Diego.
- b. 19Jul67. 1stLt W. F. ELDER Jr. graduated number one from HAWK School conducted at Fort Bliss, Texas.
- c. 25Jul67. Cpl G. B. BRYANT was selected as the 3dMAW Marine of the Month and was presented his award by MajGen QUILTER at the office of the CG, 3dMAW. Cpl BRYANT was further rewarded by a meritorious promotion to Sgt.
- d. 15Aug67. 2ndLt D. M. MIYOSHI graduated number one from NBC School conducted at MCAS, El Toro, California.
- e. 25Aug67. 1stLt E. R. BROWN III graduated number one from the Vietnamese Language School conducted at MCAS, El Toro, California.
- f. 1Sep67. 1stSgt E. A. SANCHEZ promoted to his present rank.
- g. 5Sep67. Letter of Appreciation to Cpl Horace D. MUNSON (Red Cross).
- h. 6Sep67. MSgt R. E. HARKEY promoted to his present rank.
- i. 18Oct67. SSgt Charles L. SMITH awarded the Air Medal.
- j. 23Oct67. Capt D. D. SMITH presented a Letter of Appreciation for Battery B's achievement of 100% participation in Savings Bond Program.
- k. 3Nov67. MSgt Robert A. REEVES presented the Navy Commendation Medal w/Combat "v".



l. 15Nov67. Cpl Francisco ROJAS Jr. and Wai W. WONG presented Purple Hearts.

m. 17Nov67. Majors William H. GANTZ and Charles H. KELLENBARGER promoted to their present ranks.

n. 24Nov67. Maj. C. H. KELLENBARGER presented the Navy Commendation Medal w/Combat "V".

o. 1Dec67. 1stSgt L. W. DODD Jr. promoted to his present rank.

p. 5Dec67. Cpl D. G. ADAIR awarded the Navy Commendation Medal.

q. 15Dec67. 1stLt J. M. DAVID established a new academic record at the Vietnamese Language School conducted at MCAS, El Toro, California.

2. Administration. Jul-Dec67. The 5th LAAM Bn provided HAWK trained officers and enlisted personnel to support the RVN deployed 1st and 2nd LAAM Battalions.

3. Intelligence

a. Jul-Dec67. Intelligence briefs were given to the officers and SNCO's on a scheduled basis.

b. Jul-Dec67. Pertinent records and background on contemporary military operations accumulated from various new sources maintained by the S-2.

4. Training

a. Jul-Dec67. The Battalion provided training for officers with TAD orders.

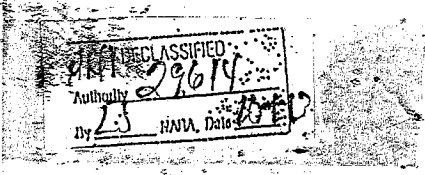
b. Jul-Dec67. The Battalion participated in four anti-air warfare operations with Naval units from COMFIRSTFLT, San Diego.

c. Jul-Dec67. Participated in CPXs held twice weekly for improvement on RT procedures between personnel in the Anti-Air Operations Center and these operating from the Battery Control Central (BCC).

5. Special Operations

a. 28Nov-3Dec67. Participated in Operation "Blue Lotus" as an aggressor SAM unit against Naval units under the Command of COMFIRSTFLT.

6. Command Relations. The 5th LAAM Bn is under the operational and administrative control of Marine Air Control Group - 38 (MACG-38).

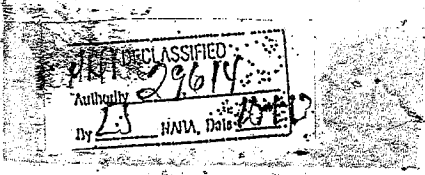


7. Equipment. Nothing significant.
8. Logistics. 28Nov67. Nothing significant.
9. Community Relations. Nothing significant.
10. Communications. Jul-Dec67. Participated in weekly training nets between AAOC and BCC
11. Activations/Deactivations/Resignations. 5th LAAM Bn, MACG-38
12. New Programs
 - a. The Battalion is in anticipation of conducting dry and wet net training at Coronado, California in the very near future. This training will be in conjunction with an embarkation of material and personnel aboard ship and movement to San Nicholas Island. This will be followed with a Battalion missile FIREX on the island. Planning is already underway for this project and the Battalion is anxiously awaiting the results.
 - b. The Battalion is presently planning a syllabus for TAD officers who come to the Battalion enroute to WestPac or other units in the CONUS. At present there is no Marine Corps wide program established for these Marine Officers, and it is believed that a systemized program of instruction is vital and extremely beneficial to these officers.
13. Command Relations with other Military Organizations
 - a. 5th LAAM Bn participated quite extensively with Naval units under the operational control of COMFIRSTFLT. (See Appendix A).
 - b. Participated with the 63rd MAC of the USAF during Operation Blue Lotus.

PART IV

SUPPORTING DOCUMENTS

- A-1 Opns Order 4-67
- A-2 Opns Order 5-67
- A-3 Opns Order 6-67
- A-4 Opns Order 7-67



Copy _____ of _____ copies
 5th LAAM Bn
 MCAS, Yuma, Arizona
 9 Oct 1967

Operation 4-67

Ref: (a) Maps: El Centro 1:250,000 Sheet No. N1-11-12
 Salton Sea 1:250,000 Sheet No. N1-11-9

Time Zone: TANGO

Task Organization:

5th LAAM Bn

LtCol JOLLEY

H&S Battery

Capt MALONE

Battery A

1stLt DAVIDSON

E O D

WO FUGUA

1. SITUATION

- a. Enemy Forces. Constructive.
- b. Friendly Forces. Constructive.

2. MISSION

Battery A, with elements of H&S Battery, 5th LAAM Bn, will conduct aggressor SAM tactics, to include ECOM, in conjunction with COMFIRSTFLEET 13-16 October 1967, from positions in the El Centro/Chocolate Mountain area.

3. EXECUTION

- a. Concept of Operation. --Annex A (Concept of Operation).
- b. 5th LAAM Bn. Establish an LAOC to provide control and direction of Battery A during AAW operations.
- c. H&S Battery. Provide logistic, communication and administrative support as required.
- d. Battery A. Will be operational and be prepared to commence the exercise from predesignated battery positions at the times designated below.

(1) Position 1 (Salton Sea Test Base) 131000T-132300T Oct 1967
 141000T-142400T Oct 1967

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 Authority 29614
 By 25 NAVA Date 2012

- (2) Position 2 (ED 3811) 151330T-152330T Oct 1967
- (3) Position 3 (ED 4802) 160830T-161600T Oct 1967

e. Coordinating Instructions

- (1) Post Exercise Report. The Commanding Officer, Battery A, will submit a written narrative report within three days after return to garrison. The report will contain the following information:
 - (a) A concise summary of training objectives, significant accomplishments, major conclusions and recommendations.
 - (b) A discussion and analysis of significant features of the exercise relating to personnel, operations, command control, logistics and anti-air-warfare training.
- (2) Battery Effectiveness Diagram (See EnO P3100.1, para 6081)
- (3) Illuminator Clutter Diagram (See EnO P3100.1, para 6082)
- (4) Antiaircraft Action Report (See EnO P3100.1, para 6085)

4. CONCEPT OF LOGISTIC SUPPORT (See Annex B)

5. COMMAND and COMMUNICATIONS-ELECTRONICS

- a. 5th LAAM Bn CP remains in its present position.
- b. Communications will be maintained with 5th LAAM Bn CP twenty-four hours a day with HF voice radio.
- c. H&S Battery will provide 2 PRC-41 radios to Battery A for ground to air communications.

By Command of LtCol M. S. JOLLEY

R. C. YEZZI
 R. C. YEZZI
 Major, USMC
 Executive Officer

ANNEXES:

- A-Concept of Operations
- B-Concept of Logistic Support
- C-Distribution

DISTRIBUTION: annex C (Distribution) to Operations Order 4-67



Copy _____ of _____ copies
 5th LAAM Bn
 MCAS, Yuma, Arizona
 9 Oct 1967

Annex A (Concept of Operations) to Operation Order 4-67

Ref: (a) Maps: El Centro, 1:250,000, Sheet No. N1-11-12
 Salton Sea, 1:250,000, Sheet No. N1-11-9

Time Zone: TANGO

1. MISSION

Battery A, with elements of H&S Battery, 5th LAAM Bn, will conduct aggressor SAM tactics, to include ECGM, in conjunction with COM-FIRSTFLEET, 13-16 Oct 1967, from Positions in the El Centro/Chocolate Mountain area.

2. CONCEPT

- a. On or about 130930S, Oct 1967, Battery A, with elements of H&S Battery, will march order and move to the Salton Sea Test Base, inside R2521, and be operational from 131100T-132300T and 141000T-142400T Oct 1967.
- b. At 150001, Oct 1967, Battery A, with elements of H&S Battery, will march order and move to ED 3811, outside of R2507, and be operational from 151330T-152330T Oct 1967.
- c. At 160001T, Oct 1967, Battery A, with elements of H&S Battery, will march order and move to ED 4802, in R2507, and be operational from 160830T-161600T Oct 1967.
- d. While in the designated positions Battery A will conduct tracking drills and simulated missile firing at identified aircraft in the area.
- e. Battery A, via UHF communications, will inform attack aircraft of successful or unsuccessful engagement and simulated missile firing.
- f. A simulated "missile away", EOD personnel attached to Battery A will detonate an explosive to simulate missile firing.
- g. Upon completion of activity at 161600T, Oct 1967, Battery A will terminate operations and return to MCAS Yuma at the discretion of the Battery Commander.

By Command of LtCol M. S. JOLLEY

(Handwritten Signature)
 R. C. YAZEM
 Major, USMC
 Executive Officer

DECLASSIFIED
 AUTHORITY: 29614
 BY: [Signature]
 DATE: [Signature]

HEADQUARTERS
 5th Light Antiaircraft Missile Battalion
 MACG-38, 3dMAW, FMFPac
 Marine Corps Air Station
 Yuma, Arizona, 85364

Annex B (Concept of Logistic Support) to Operation Order 4-67

Ref: (a) Maps: Series V502 Salton Sea
 Edition 2-AMS 1:250,000

Time Zone: T

1. MISSION AND CONCEPT OF OPERATION: Refer to Annex A
2. SUMMARY STATEMENT OF CONCEPT OF LOGISTIC SUPPORT

Operating and safety levels of supply will be maintained by the using unit. Additional third and fourth echelon maintenance supplies for Hawk maintenance equipment will be provided in the objective area by the Hawk Maintenance Shop Equipment GM FME AN/TSM-42. The Naval Air Facility (NAF) El Centro will be an auxiliary supporting agency for Class I and III supplies. The Battery Commander will control all assigned vehicles and secure POL from NAF as needed. The 5th LAAM Bn (-) located at MCAS Yuma will be prepared to provide additional requirements if needed.

3. REQUIREMENTS

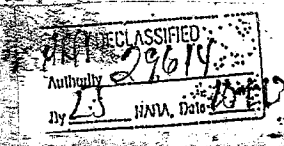
a. Supply

(1) Personnel to be supported.		
Battery A (with drivers)		109
Hawk Maintenance		2
S-3 Operations		7
Corpsmen		<u>1</u>
	TOTAL	119
(2) Tonnages required each day.		
Class I supplies		.5 tons
Class III supplies		<u>3.8 tons</u>
	TOTAL	4.3 tons

b. Transportation

(1) Equipment and material (less bulk POL) to be moved each day.

(a) Line hauls	
12-13 Oct	145 miles
14 Oct	55 miles
15 Oct	50 miles
16 Oct	130 miles
Approximately 50.9 tons will be transported per day.	



- (b) Local hauls
 - 14 Oct 30 miles
 - 15 Oct 60 miles

Approximately 3.72 tons will be transported per day.

- (2) Bulk POL to be moved.
 - 1750 gals diesel fuel
 - 1200 gals gasoline

- (3) Requirements for transportation means.

M-38 A1 1/4T Trk	3
M-83 1/4T Radio	4
M-37 3/4T Trk	3
M-170 1/4T Trk	1
M-36 2 1/2T Trk	18
M-49 2 1/2T Tanker	2
M-542 5T Wrecker	2
M-50 Water Tanker	1
TOTAL	34

c. SERVICE

- (1) Maintenance of equipment.

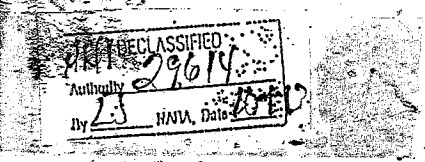
- (a) First and second echelon maintenance will be performed by the battery.
- (b) Third and fourth echelon maintenance will be provided by personnel attached to the battery and if required, by a contact team located at 5th LAAM Bn (-) Yuma.

- (2) Service units and installations required.

- (a) 5th LAAM Bn (-) located at MCAS Yuma for supplementary third and fourth echelon maintenance and supplies.
- (b) NAF, El Centro for class III refueling and supplementary water and ice.
- (c) MCAS, Yuma for emergency helicopter evacuation.

b. EVACUATION AND HOSPITALIZATION

- (1) Anticipate no casualties
 - (2) Corpsman will be attached to Battery A
 - (3) Dispensary located aboard NAF, El Centro, will serve as emergency medical facility. This installation is staffed and equipped to perform minor surgery.
- An ambulance will be attached throughout the exercise. Emergency helicopter evacuation will be available through MCAS, Yuma.

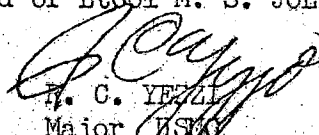


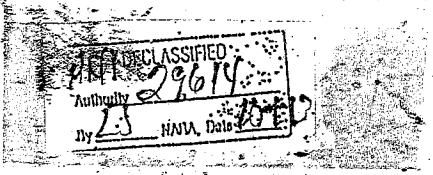
(5) Emergency evacuation requests will be transmitted by field communications to 5th LAAM Bn Officer of the Day who will notify Station Search and Rescue Ext 2176.

4. PROVISION OF LOGISTIC SUPPORT

- a. Supply. Class I and III supplies will be maintained by the using unit in the objective area. Replenishment of these supplies will be drawn as required from the NAF El Centro. Third and fourth echelon Hawk peculiar items will be located within the battery.
- b. Transportation. Interstate Highways 80 and 86 have been designated as the main service routes.
- c. Services. First and second echelon maintenance services is inherent within the battery organization. Third and fourth echelon maintenance service will be performed at the objective area by attached personnel and by contact teams, on 24 hour call, from 5th LAAM Bn (-) located at MCAS Yuma.

By Command of LtCol M. S. JOLLEY


A. C. YEZLI
Major USMC
Executive Officer



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5th LAAM Bn
MCAS, Yuma, Arizona
9 Oct 1967

Annex C (Distribution) to Operation Order 4-67

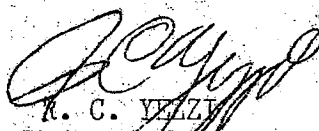
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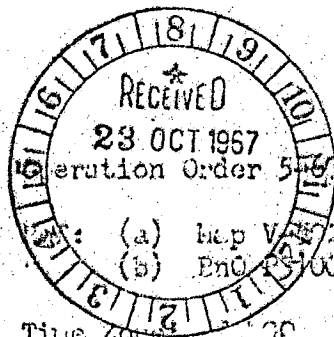
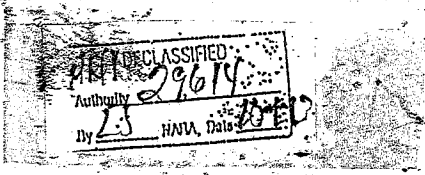
Time Zone: TANGO

1. Distribution

COMFIRSTFLEET	1
TACRON - 13	1
AFOPS (Fleet Liaison)	1
EOD (MCAS, Yuma)	1
S-1	1
S-2/3	3
S-4	1
Supply	1
Motor Transport	1
Communications - Electronics	2
Medical Section	1
Maintenance Platoon	1
H&S Battery	2
Battery A	4
Battery B	1
Extra Copies	6

By Command of LtCol M. S. JOLLEY


R. C. YEZZI
Major, USMC
Executive Officer



(a) Map V 2 Edition 2-NIS 1:250,000
 (b) EnC PS-100.1

Time zone: ...

Task Organization:

5th IAAM Bn

Battery B

1. SITUATION

- a. Enemy Forces. Division Intelligence has confirmed that the 3rd Company, 348th Infantry Battalion (Regular NVA) has been active in the objective area. Battalion S-2 has received further detailed reports that the enemy conducts its operations by means of squad-size harassing attacks, usually during the hours after midnight and before dawn.
- b. Friendly Forces. Battery B. There will be no attached units in support of the battery.

2. MISSION

Battery B, 5th IAAM Bn will displace to the vicinity of coordinates FG2530 (see reference a) at approximately 1000 on 23 October 1967 in order to remove or nullify an existing salient in the air defense perimeter.

3. EXECUTION

- a. Concept of Operation. At 0800 on 23 October 1967, Battery B will have its personnel and equipment formed in a motor column and proceed to the objective area. The battery will emplace immediately upon arrival and will assume the task of missile defense as stated in its mission. Air Defense Warnings will be disseminated by the AAOC as soon as Battery B reports that it is operational. (see reference b).
- b. 5th IAAM Bn. Establish a AACC from 23 October 1967 to 27 October 1967 at MCAS, Yuma, Arizona.

Copy	Act	Info of	Copy To	Int Copies
5th IAAM Bn				
CO MCAS, Yuma, Arizona				
XO 19 October 1967				
S-1/ADJ		X		
Sgt Maj		X		
S-2				
S-3				
S-4				
Legal				
Sup. L+Col JOLLEY				
MTO				
Med Lt MOORE				
Eng Maint				
Maint				



- c. Battery B. Displace and execute the mission as stated in subparagraph (a) above.
- d. Battalion S-2. Provide an Interrogation Team at Battery B CP for handling of POW's.
- e. Coordinating Instructions
 - (1) Prior to commencement of the exercise, Battery B and the officer-in-charge of the Agressor Unit will ensure that each Marine under their command is made aware of safety measures. There will be no bodily contact between friendlies and aggressors and no weapon containing blank ammunition will be pointed or fired at an individual within ten yards.
 - (2) Umpires will be furnished by Battalion S-3 to act as safety personnel and to ensure proper participation.
 - (3) Battery B will send a voice report to the AACC when the battery becomes operational and just prior to displacing.

4. ADMINISTRATION AND LOGISTICS

a. Supply


- (1) Prior to departure, Battery B will arrange with Battalion S-4 for vehicular needs for non-organic battery supplies such as BFA's, blank ammo, etc.
- (2) Uniform will be utilities with combat boots and T/O weapons. Individual equipment will be prescribed by the Battery Commander.
- (3) Battery B will also arrange for an ambulance and two corpsmen to be present during the exercise.

5. COMMAND AND COMMUNICATIONS-ELECTRONICS

a. Command Posts

- (1) Battery B FC2530
- (2) AACC MCAS Yuma

- b. Communications. Battery B will utilize wire land lines for internal communications within the battery. Communications between Battery B and the AACC (AAC/AAI nets) will be via FRC-25's.


 F. S. JOLLEY
 Lieutenant Colonel USMC
 Commanding

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5th Light Bn
MCAS, Yuma, Arizona
19 October 1967

Annex A (Distribution) to Operation Order 5-67

Ref: None

Time Zone: TINGO

1. Distribution

Battery B	3
S-2/S-3	3
S-4	1
S-1	1
Comm	1

M. S. JOLLEY
Lieutenant Colonel USMC
Commanding

ATTENTION: Annex A (Distribution) to Operations Order 5-67



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 MCAS, Yuma, Arizona
 27 Oct 1967

Operation Order 6-67

Ref: (a) Maps: El Centro 1:250,000 Sheet No. NL-11-12
 Salton Sea 1:250,000 Sheet No. NL-11-9

Time Zone: TANGO

Task Organization:

<u>5th LAAM Bn</u>	LtCol JOLLEY
<u>H&S Battery</u>	Capt MALONE
<u>Battery B</u>	Capt MOORE

1. SITUATION

- a. Enemy Forces. Constructive.
- b. Friendly Forces. Constructive.

2. MISSION

Battery B, with elements of H&S Battery, 5th LAAM Bn, will conduct aggressor SAM tactics, to include ECCM, in conjunction with COMFIRSTFLEET 28-29 Oct 1967, from positions in the Chocolate Mountain area.

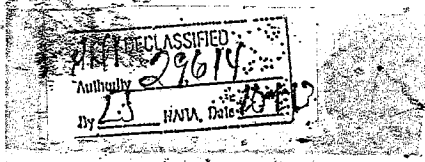
3. EXECUTION

- a. Concept of Operation. --Annex A (Concept of Operation).
- b. 5th LAAM Bn. Establish an AAOC to provide control and direction of Battery B during AAW operations.
- c. H&S Battery. Provide logistic, communication and administrative support as required.
- d. Battery B. Will be operational and be prepared to commence the exercise from ED ~~2811~~ from 281130T - 282230T and from 291130T - 292230T Oct 67.
 2811

e. Coordinating Instructions

(1) Battery B will send a voice report to the AAOC when the battery becomes operational and just prior to displacing.

(2) Battery B Commander will report at 280630T Oct 67 to LtComr Adams of Tacron 13 at Ramada Inn located in Brawley, California to pick up an S band emitter.



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 MCAS, Yuma, Arizona
 27 Oct 1967

Annex A (Concept of Operations) to Operation Order 6-67

Ref: (a) Maps: EL Centro, 1:250,000, Sheet No. N1-11-12
 Salton Sea, 1:250,000, Sheet No. N1-11-9

Time Zone: TANGO

1. MISSION

Battery E, with elements of H&S Battery, 5th LAAM Bn, will conduct aggressor B&S tactics, to include ECCM, in conjunction with COMFIRSTFLEET, 28-29 Oct 67, from Positions in the Chocolate Mountain area.

2. CONCEPT

a. On or about 271400Z Oct 1967, Battery B with elements of H&S Battery, will march order and move to ED 3811 and be operational from 291130T-292230T and 291130T-292230T Oct 1967.

b. While in the designated position Battery B will conduct tracking drills and simulated missile firing at identified aircraft in the area.

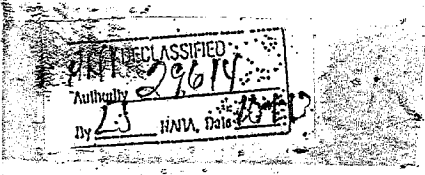
c. An S-3 via UHF communications, will inform attack aircraft of successful or unsuccessful engagements and simulated missile firings.

d. At simulated "missile away", the Bn S-3 will inform the attack aircraft via UHF communications that a simulated engagement has taken place as prescribed by COMFIRSTFLT's verbal instructions.

e. Upon completion of activity at 292230T Oct 1967, Battery E will secure operations and return to MCAS, Yuma at the discretion of the Battery Commander.

By Command of LtCol M. S. JOLLEY

A. C. Yezzy
 A. C. YEZZY
 Major USMC
 Executive Officer



(3) The S Band emitter will be operated by Battery B at the times prescribed in par 3.d.

(4) Battery B Commander will insure the following reports are submitted to the Bn S-3.

(a) Battery Effectiveness Diagram (See BnO P3100.1, par 608, 1).

(b) Electronic Countermeasures Report (See BnO P3100.1 par 608, 4).

(c) Antiaircraft Action Report (See BnO P3100.1 par 608, 5).

(d) Post Exercise Report. This written narrative will be submitted within three days after return to garrison. The report will be a discussion and analysis of significant features of the exercise relating to personnel, operations, command control, logistics and anti-air-warfare training.

4. CONCEPT OF LOGISTIC SUPPORT (See Annex B)

5. COMMAND AND COMMUNICATIONS-ELECTRONICS

a. 5th LAAM Bn CP remains in its present position.

b. Communications will be maintained with 5th LAAM Bn CP twenty-four hours a day with HF voice radio.

c. H&S Battery will provide 2 PRC-41 radios to Bn S-3 for ground to air communications.

By Command of LtCol M. S. JOLLEY

[Handwritten Signature]
A. C. YEZZO
Major USMC
Executive Officer

ANNEXES:

A-Concept of Operations

B-Concept of Logistic Support

C-Distribution

DISTRIBUTION: Annex C (Distribution) to Operations Order 6-67

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 5th LAAM Bn
 MCAS, Yuma, Arizona
 27 Oct 1967

Annex B (Concept of Logistic Support) to Operation Order 6-67

Ref: (a) Maps: El Centro 1:250,000 Sheet No. NI-11-12
 Salton Sea 1:250,000 Sheet No. NI-11-9

Time Zone: TANGO

1. MISSION AND CONCEPT OF OPERATION: Refer to Annex A
2. SUMMARY STATEMENT OF CONCEPT OF LOGISTIC SUPPORT

Operating and safety levels of supply will be maintained by Battery B. The Battery Commander will control all assigned vehicles and secure additional Class I and III supplies as needed. The Naval Air Facility (NAF) El Centro will be an auxiliary supporting agency for Class I and III supplies. The 5th LAAM Bn (-) located at MCAS Yuma will be prepared to provide additional requirements as needed.

3. REQUIREMENTS

a. Supply

- (1) Personnel to be supported

Battery B (with drivers)	77
S-3 Operations	8
Corpsmen	<u>1</u>
TOTAL	86

- (2) Class I

(a) Meals, Combat, Individual ("C" Rations)
 3 meals per individual per day

(b) Water - 5 gal per individual per day

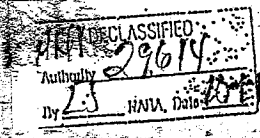
(c) Ice - as required

- (3) Class II

As required to accomplish mission

- (4) Class III

Three (3) days



b. Transportation

(1) Line hauls

27 Oct 85 miles
 29 Oct 85 miles

(2) Transportation means

M-38A1 1/4T Trk	3
M-83 1/4T Radio	4
M-37 3/4T Trk	1
M-170 1/4T Trk	1
M-36 2 1/2T Trk	15
M-49 2 1/2T Tanker	1
M-54 5T Wrecker	1

c. Service

(1) Maintenance of equipment

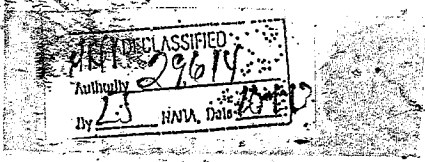
- (a) First and second echelon maintenance will be performed by the battery.
- (b) Third and fourth echelon maintenance will be provided by a contact team located at 5th LAAM Bn (-), MCAS, Yuma, if required.

(2) Service units and installations required

- (a) 5th LAAM Bn (-), MCAS, Yuma for third and fourth echelon maintenance and supplies.
- (b) NAF, El Centro for Class III refueling, water and ice.
- (c) MCAS, Yuma for emergency helicopter evacuation.

d. Evacuation and Hospitalization

- (1) Anticipate no casualties
- (2) A corpsman will be attached to Battery B
- (3) The dispensary located aboard NAF, El Centro, will serve as an emergency medical facility. This installation is staffed and equipped to perform minor surgery.
- (4) One ambulance will be attached throughout the exercise. Emergency helicopter evacuation will be available through MCAS, Yuma.

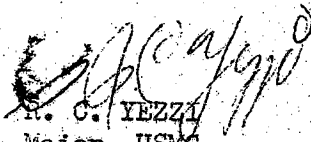


- (5) Emergency evacuation requests will be transmitted by field communications to 5th LAAM Bn Officer of the Day who will notify Station Search and Rescue Ext 2176.

4. PROVISION OF LOGISTIC SUPPORT

- a. Supply. Class I and III supplies will be maintained by the using unit in the objective area. Replenishment of these supplies will be drawn as required from the NAF El Centro. Third and fourth echelon HAWK peculiar items will be located at MCAS, Yuma.
- b. Transportation. Interstate Highways 80 and 111 have been designated as the main service routes.
- c. Services. First and second echelon maintenance services are inherent within the battery organization. Third and fourth echelon maintenance services will be performed at the objective area by contact teams, on 24 hour call, from 5th LAAM Bn (-) located at MCAS, Yuma.

By Command of LtCol M. S. JOLLEY


R. C. YEZZA
Major USMC
Executive Officer



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27 Oct 1967

Annex C (Distribution) to Operation Order 6-67

Ref: None

Time Zone: TANGO

1. Distribution

COMINT/STFL LT	1
T/CHON - 13	1
AFOLS (Fleet Liaison)	1
S-1	1
S-2/3	3
S-4	1
Supply	1
Motor Transport	1
Communications-Electronics	2
Medical Section	1
Maintenance Platoon	1
H&S Battery	2
Ant Cry A	4
Battery B	1
Extra Copies	6

By Command of LtCol M. S. JOLLY

M. S. Jolly
M. S. JOLLY
Major USMC
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 MCAS, Yuma, Arizona
 22 November 1967

	Info	Copy To	Init.
CO	X		J
XO	X		
S-1	X		
S-2	X		
S-3			
S-4			
Legal Lt Col		JOLLEY	
Sup			
MFO		Capt MALONE	
Med		Capt DAVIDSON	
Eng			
Maint		Capt MOORE	
Maint			
Buy			

Ref: (a) Maps Santa Ana 1:250,000 Sheet No. NI 11-8
 Salton Sea 1:250,000 Sheet No. NI 11-9
 (b) DNO P3100.1

Time Zone: UNIFORM

Task Organization:

5th LAAM En

H&S Battery

Battery A

Battery I

1. SITUATION

- a. Enemy Forces. Constructive.
- b. Friendly Forces. None.

2. MISSION

The 5th LAAM En will conduct an anti-air warfare exercise, to include ECCC, with CO-FIRSTFLEET between 1-3 December 1967, from positions in the Ocotillo Wells, Calif. and Niland, Calif. areas.

3. EXECUTION

- a. Concept of Operation. Annex A (Concept of Operations).
- b. 5th LAAM En. When directed, execute that portion of Annex D for air movement to MAF El Centro, California. Upon completion of the air movement, proceed in accordance with Annex C to coordinates 8467 (reference (a), Santa Ana) in the vicinity of Ocotillo Wells and establish an AOC to provide control and direction of Battery A and Battery I during AAW operations.
- c. H&S Battery. Provide logistic, communication, and administrative support as required.
- d. Battery A. When directed, execute that portion of Annex D for air movement to MAF El Centro, Calif. Upon completion of the air movement, proceed in accordance with Annex C to coordinates 8570 (reference (a), Santa Ana) in the vicinity of Ocotillo Wells and be prepared to commence operations on order.

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e. Battery B. When directed, execute that portion of Annex D for the area of the Salton Sea, Calif. Upon completion of the air movement, proceed in accordance with Annex C to coordinates 8664 (reference (a) Santa Ana) in the vicinity of Ocotillo Wells and be prepared to commence operations on order.

f. Coordinating Instructions

- (1) Battery Commanders will coordinate with Battalion S-4 in connection with the air movement portion of the exercise.
- (2) When directed by fragmentary order, 5th LAAM Bn will move to the Niland, Calif. area on 2 December 1967 (reference (a), Salton Sea).
- (3) Required reports will be submitted in accordance with reference (b).

4. ADMINISTRATION AND LOGISTICS

a. Annex C (Administration/Logistics).

5. COMMAND AND COMMUNICATIONS-ELECTRONICS

a. Command

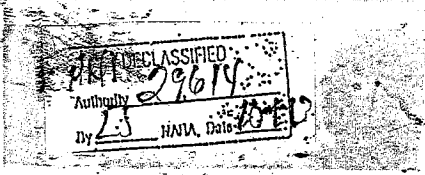
- (1) The 5th LAAM Bn CP will be situated at coordinates 8467 in the vicinity of Ocotillo Wells, Calif (reference (a), Santa Ana).
- (2) On 2 December 1967, the 5th LAAM Bn CP will move to the vicinity of Niland, Calif (reference (a), Salton Sea).
- (3) Communications-Electronics. Annex D (Communications).

M S Jolley
 M. S. JOLLEY
 LtCol USMC
 Commanding

ANNEXES

- A - Concept of Operations
- B - Concept of Air Movement
- C - Administration/Logistics
- D - Communications
- E - Distribution

DISTRIBUTION: Annex E (Distribution) to Operations Order 7-67



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 MCAS, Yuma, Arizona
 22 November 1967

ATTACH A (Concept of Operations) to Operations Order 7-67

- Ref: (a) Maps: Santa Ana 1:250,000 Sheet No. NI 11-8
 Salton Sea 1:250,000 Sheet No. NI 11-9
 (b) BnO P310C.1

Time Zone: UNIFORM

1. MISSION

The 5th LAAM Bn will conduct an anti-air warfare exercise, to include ECCM, with COMFIRSTFLEET between 1-3 December 1967, from positions in the Ocotillo Wells, Calif and Miland, Calif areas.

2. CONCEPT

- a. On 28, 29, and 30 November 1967, the 5th LAAM Bn will move to the vicinity of Ocotillo Wells, Calif in accordance with the applicable provisions of Annexes E and C.
- b. Immediately upon their arrival in the Ocotillo Wells area, Battery A and Battery B will prepare to conduct ECCM operations with VMCI-3 in accordance with the following schedule:

<u>DATE</u>	<u>TIME</u>	<u># of A/C</u>
28 Nov 67	1200-1400	1
	1730-1930	1
29 Nov 67	1200-1400	1
	1730-1930	1
30 Nov 67	1200-1400	1
	1730-1930	1

- c. The 5th LAAM Bn will also conduct anti-air warfare operations against aircraft participating in Operation BLUE LOTUS.
- d. While in the Ocotillo Wells area, Battery A and Battery B will be prepared to make displacements of approximately 1-3 miles.
- e. On 2 December 1967, a fragmentary order will be issued directing the battalion to move to the Miland, Calif area.
- f. While in the Miland, Calif area, Battery A and Battery B will be prepared to displace approximately 1-3 miles.



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g. Upon completion of the air portion of Operation BLUE LOTUS on or about 1700 3 December 1967, and at the discretion of the Battalion Commander, 5th LAAM En will return to MCAS Yuma.

M. S. JOLLEY
LtCol. USMC
Commanding

DISTRIBUTION: Annex E (Distribution) to Operations Order 7-67

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 21 Nov 1967

Annex B (Concept of Air Movement) to Operations Order 7-67 (Blue Lotus)

Ref: (a) Map: Salton Sea, 1:250,000 NL 11-9
 (b) Map: Santa Ana, 1:250,000 NL 11-8

Time Zone: Tango

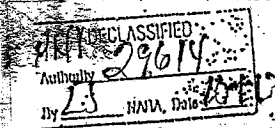
1. SITUATION

- a. Enemy Forces Not applicable.
- b. Friendly Forces USAF 63rd Military Airlift Wing (MAC) will provide five C-141 aircraft for movement of 5th LAAM Bn.
- c. Attachments and Detachments None
- d. Assumptions That:
 - (1) Weather conditions will permit execution of this plan.
 - (2) A minimum of 37 C-141 sorties will be available to accomplish the Battalion Air Lift.

2. MISSION Commencing D(-)3 5th LAAM Battalion conducts air movement training subsequent to Operation Blue Lotus.

3. EXECUTION

- a. Concept of Operation On D(-)4 5th LAAM Battalion will stage equipment and supplies on Barracks #622 parade field for movement to the "Call Forward Area" and subsequent enplaning aboard USAF C-141 aircraft. After enplaning, personnel, supplies and equipment will be flown to NAF El Centro and deplaned. Thereupon, personnel, supplies and equipment will move out by motor convoy in accordance with Appendix 2 (Ground Movement) to Annex C (Administration and Logistics) to Operation Order 7-67.
- b. Battery A
 - (1) On D(-)4 stage equipment and cargo on Barracks #622 parade field for subsequent movement to NAF El Centro as part of Air Movement Group ALFA.
 - (2) On D(-)3 enplane personnel, supplies and equipment aboard USAF C-141 aircraft and fly to objective air field NAF El Centro.
 - (3) Deplane personnel, equipment and cargo and move by motor convoy in accordance with Appendix 2 (Ground Movement) to Annex C (Administration and Logistics) to Operation Order 7-67.



c. Headquarters Commandant Section

- (1) On D(-)4 stage equipment and cargo on Barracks #622 parade field for subsequent movement to NAF El Centro as part of Air Movement Group ALPHA.
- (2) On D(-)3 emplane personnel, supplies and equipment aboard USAF C-141 aircraft and fly to objective air field NAF El Centro.
- (3) Deplane personnel, equipment and cargo and move by motor convoy in accordance with Appendix 2 (Ground Movement) to Annex C (Administration and Logistics) to Operation Order 7-67.

d. Battery B

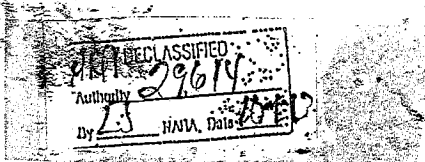
- (1) On D(-)4 stage equipment and cargo on Barracks #622 parade field for subsequent movement to NAF El Centro as part of Air Movement Group BRAVO.
- (2) On D(-)2 emplane personnel, supplies and equipment aboard USAF C-141 aircraft and fly to objective air field NAF El Centro.
- (3) Deplane personnel, equipment and cargo and move by motor convoy in accordance with Appendix 2 (Ground Movement) to Annex C (Administration and Logistics) to Operation Order 7-67.

e. Battalion S-3 Section

- (1) On D(-)4 stage equipment and cargo on Barracks #622 parade field for subsequent movement to NAF El Centro as part of Air Movement Group BRAVO.
- (2) On D(-)2 emplane personnel, supplies and equipment aboard USAF C-141 aircraft and fly to objective air field NAF El Centro.
- (3) Deplane personnel, equipment and cargo and move by motor convoy in accordance with Appendix 2 (Ground Movement) to Annex C (Administration and Logistics) to Operation Order 7-67.

f. Battalion Communication Section

- (1) On D(-)4 stage equipment and cargo on Barracks #622 parade field for subsequent movement to NAF El Centro as part of Air Movement Group BRAVO.
- (2) On D(-)2 emplane personnel, supplies and equipment aboard USAF C-141 aircraft and fly to objective air field NAF El Centro.
- (3) Deplane personnel, equipment and cargo and move by motor convoy in accordance with Appendix 2 (Ground Movement) to Annex C (Administration and Logistics) to Operation Order 7-67.



g. Battalion Maintenance Platoon

- (1) ... stage equipment and cargo on Barracks #622 parade ... for subsequent movement to NAF El Centro as part of Air Movement Group CHARLIE.
- (2) On D(-)1 enplane personnel, supplies and equipment aboard USAF C-141 aircraft and fly to objective air field NAF El Centro.
- (3) Deplane personnel, equipment and cargo and move by motor convoy in accordance with Appendix 2 (Ground Movement) to Annex C (Administration and Logistics) to Operation Order 7-67.

h. Coordinating Instruction

- (1) Immediate coordination and control of air movement groups ALFA, BRAVO and CHARLIE rests with the Battalion Air Embarkation Control Officer.
- (2) H-Day: 1 December 1967
- (3) For detailed breakdown and schedules for Air Movement Groups ALFA, BRAVO and CHARLIE see TAB A (Unit Aircraft Load Assignment and Schedule) to Appendix 1 (Air Movement) to Annex C (Administration and Logistics) to Operation Order 7-67.
- (4) Execute Operation Plan on order.

4. ADMINISTRATION AND LOGISTICS Annex C (Administration and Logistics) to Operation Order 7-67.

5. COMBAT AND COMMUNICATION ELECTRONICS Appendix 1 (Air Movement) to Annex C (Administration and Logistics) to Operation Order 7-67.

Water and Fuel Distribution Supply

M S Jolley

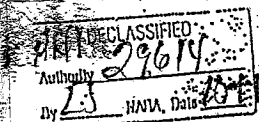
(1) ... A gallons per individual M. S. JOLLEY ... and B will each carry Lieutenant Colonel, U.S. Marine Corps as the battery water supply point. Commanding quarters Section and Motor Transport Section of H&S Battery will each carry one M-107 water trailer.

(2) One M-50 water truck will be made available to all water commanders upon request to the Battalion S-4 Office.

DISTRIBUTION: Only water transported by water truck or water trailer Annex-DE (Distribution) to Operation Order 7-67.

(3) One meal, combat individual (C ration), will be issued to each individual by the Battalion Embarkation Section prior to enplaning.

(4) Hot drinks will be furnished box lunches from the Section Mess Hall during the air embarkation exercise.



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 MCAS, Yuma, Arizona
 21 Nov 1967

Annex C (Administration and Logistics) to Operation Order 7-67 (Blue Lotus)

Ref: (a) 5th LAAM Bn LOI
 (b) FI-FM 4-6

Time Zone: Uniform

1. SUPPLY

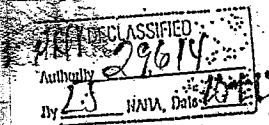
a. General

- (1) All classes of supplies required are available in sufficient amounts from normal sources.
- (2) Battalion S-4 will be responsible for procurement, movement, storage, and distribution of all classes of supplies.

b. Supplies and Equipment Available

(1) Class I

- (a) "A" rations - 5 days for H&S Battery. Headquarters Commandant is responsible for drawing "A" rations from MAF, El Centro prior to departure from El Centro.
- (b) "C" rations - 7 days for Batteries A and B. Battery commanders will draw "C" rations from Battalion Supply prior to 1200, 27 Nov 1967.
- (c) Headquarters Commandant will draw 1000 meals of "C" rations from Battalion Supply prior to 1200, 27 Nov 1967.
- (d) Water - 4 gallons per individual per day. Batteries A and B will each carry one M-107 water trailer to be utilized as the battery water supply point. The Headquarters Section and Motor Transport Section of H&S Battery will each carry one M-107 water trailer.
- (e) One M-50 water truck will be made available to all unit commanders upon request to the Battalion S-4 Office.
- (f) Only water transported by water truck or water trailer will be consumed.
- (g) One meal, combat individual (C ration), will be issued to each individual by the Battalion Embarkation Section prior to enplaning.
- (h) Air crews will be furnished box lunches from the Section Mess Hall during the air embarkation exercise.



(2) Class II

- (a) T/E items as required to accomplish mission.
- (b) Five days critical repair parts, 1st through 4th echelon, will be maintained by Battalion Supply.

(3) Class III

- (a) No vehicle will be embarked aboard aircraft with fuel tanks more than 3/4 full.
- (b) All vehicles will have full fuel tanks prior to motor convoy.
- (c) Missile Batteries and H&S Battery sections will take sufficient gasoline and diesel fuel to sustain operations for a 24 hour period.
- (d) Three M-49 refuelers, two diesel and one gasoline, will be on call through the Battalion S-4 Office to unit commanders for any refueling requirements.
- (e) Required lubricants will be drawn from the Battalion Motor Transport Section.

(4) Class IV - As required

(5) Class V - None required

(6) Maps

- (a) Battery commanders procure area maps from Battalion S-2.
- (b) Convoy route maps. See Tab A to Appendix 2 (Ground Movement)

(7) Medical. See Appendix 3 (Medical)

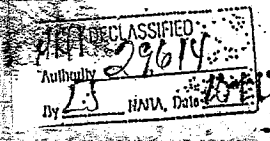
(8) Preparation of equipment and supplies. See Appendix 1 (Air Movement)

c. Control and Distribution

- (1) Normal throughout exercise for all classes of supplies.
- (2) Location of supply dumps and storage areas as designated by battery commanders and Headquarters Commandant.

d. Plan for Movement to Area of Operations

- (1) Air Transportation. See Appendix 1 (Air Movement)
- (2) Ground Transportation. See Appendix 2 (Ground Movement)



- (3) A staging area for all deplaned equipment and personnel will be established at NAF, El Centro, by the Battalion S-4 (Forward Air Embarkation Control Officer).
- (4) All deplaned equipment and personnel will remain in the staging area unless authorization to leave is granted by the Forward Air Embarkation Control Officer.
- (5) Convoys will be formed and staged in the deplaned staging area and applicable routes of travel and times of departure will be in accordance with Appendix 2 (Ground Movement).

e. Resupply

- (1) All resupply will be the responsibility of and coordinated through the Battalion S-4 Office.
- (2) Resupply to unit commanders will be on a call as required basis.
- (3) "A" rations will be procured from NAF, El Centro.
- (4) Water points will be the Salton Sea Test Base while the Battalion is located in the Ocotillo Wells area and the Niland Fire Station while the Battalion is located at the Camp Dunlap area.
- (5) Resupply of PQL will be as required from NAF, El Centro, for the entire exercise.

2. EVACUATION AND HOSPITALIZATION See Appendix 3 (Medical)

3. TRANSPORTATION See Appendix 1 (Air Movement) and Appendix 2 (Ground Movement).

4. SERVICE

a. General All maintenance of equipment and services will be performed by Battalion units except as noted herein.

b. Assignment of Responsibilities

- (1) Battalion Maintenance Platoon - provide contact team and third echelon maintenance for battalion surveillance radars and associated equipment.
- (2) Battalion HAWK Maintenance Section - provide contact team and third and fourth echelon maintenance for all HAWK peculiar equipment.
- (3) Battalion Engineer Section - provide contact team and second and third echelon maintenance of equipment for all battalion engineer equipment.
- (4) Battalion Motor Transport Section - provide contact team and second and third echelon maintenance for all battalion motor transport equipment.

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(5) Battalion Supply Section - provide supplies as required.

NAF, El Centro will provide billeting for three officers and twenty enlisted men on 28 and 29 Nov, 1967. Officers will be billeted in BOQ #381 and enlisted personnel will be billeted in building #425.

d. Messing - NAF, El Centro will provide messing facilities for three officers and twenty enlisted personnel on 28 and 29 Nov, 1967.

e. Handling Equipment - The 63rd Military Airlift Wing (MAC) will provide at NAF, El Centro and MCAS, Yuma, "K" loaders and pallets to be used for loading and unloading Control and Maintenance Vans. Tie down straps for securing equipment in truck beds will also be provided by the 63rd Military Airlift Wing (MAC).

5. PERSONNEL - See Appendix 4 (Personnel)

6. MISCELLANEOUS

a. Rear Echelon - Personnel required to continue essential battalion operations and those required to maintain security of government property.

b. Uniform and Equipment for Air Transportation - See Appendix 1 (Air Movement).

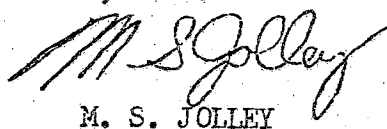
c. Fiscal Instructions

(1) Unit commanders will submit to Battalion S-4 the amount of fuel consumed during the exercise.

(2) Commuted Rations for Sgt. E-5 and below will be terminated as of the noon meal on 28 Nov, 1967.

(3) Money collected and ration statements for "C" rations consumed by officers and SNCO's will be turned into Battalion Supply within 24 hours after return to MCAS, Yuma.

(4) Money collected and ration statements for "A" rations consumed by officers and SNCO's will be turned in to Station Mess Hall within 24 hours after return to MCAS, Yuma.

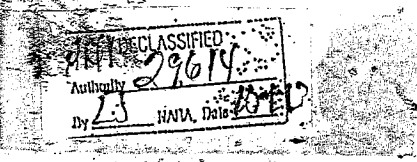


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APPENDICES:

- 1 - Air Movement
- 2 - Ground Movement
- 3 - Medic 1
- 4 - Personnel

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Appendix 1 (Air Movement) to Annex C (Administration and Logistics) to
 Operation Order 7-67 (Blue Lotus)

Ref: (a) FIFM 4-6

Time Zone: Tango

1. ORGANIZATION FOR EMBARKATION

a. General

(1) The 5th LAAM Bn. will be organized for embarkation into three embarkation units, formed around the following troop organizations.

Air Movement Group "ALFA" - Battery A and Headquarters
 Commandant Section
 Group Commander - Battery A Commander

Air Movement Group "BRAVO" - Battery B, Battalion S-3 and
 Communications Section
 Group Commander - Battery B Commander

Air Movement Group "CHARLE" - Battalion Maintenance Platoon
 Group Commander - Maintenance Platoon Commander

b. Assignment to Aircraft - See Tab A (Unit Aircraft Load Assignment and Schedule)

2. MATERIEL TO BE EMBARKED

a. Organic Equipment - Class II type 1 and Class II type 2 in accordance with Annex C (Administration and Logistics) to Operation Order 7-67.

b. Types and Amount of supplies - Class I (including water); Class III; Class IV; and Medical in accordance with Annex C (Administration and Logistics) to Operation Order 7-67.

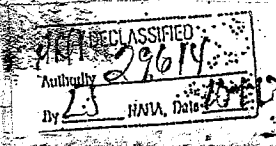
c. Preparation - Packing, crating, and marking in accordance with current directives.

d. Allocation of Supplies and Equipment - See Tab A (Unit Aircraft Load Assignment and Schedule).

e. Movement

(1) Embarkation Unit commanders are responsible for coordination and movement of materiel organic to organizations and detachments comprising their respective embarkation units.

(2) The Battalion Embarkation Officer will coordinate movement of materiel and personnel between Embarkation Units and aircraft.



- (3) Insofar as practicable, supplies will be scheduled for movement to embarkation areas to coincide with loading schedules.
- (4) Supplies and equipment will be transported to embarkation areas by motor vehicle.

3. PERSONNEL

a. Uniform, Equipment, and Baggage

- (1) Utilities, field boots and helmet w/liner
- (2) Normal Arms
- (3) Jungle Kit
- (4) I.D. Tags
- (5) Canteens (2) full
- (6) Sgt E-5's and below will carry one sea bag each with lock to be utilized for securing of government and personal property. All government property will be secured in a seabag when ever the property is out of view of the responsible individual. Rifles will be locked to seabags for stowing.
- (7) Officers and SNCO's may carry a suitcase, centerfold, vice sea bag.
- (8) Arms and baggage will be carried aboard aircraft by individuals.

b. Advance Details. Working parties, directing and security personnel will be moved to respective embarkation areas prior to the movement of any materiel to embarkation area concerned.

- (1) Advance parties will be moved to the embarkation areas prior to aircraft arrival time to insure that the following functions have been complied with:
 - (a) Positive security has been established to insure that no personnel or vehicles go beyond the "Call Forward Area" unless authorized by the Control Officer.
 - (b) The embarkation area and particularly the aircraft parking lanes have been clean of all loose debris.
 - (c) That the "Call Forward Area" and aircraft parking lanes have been clearly marked and numbered as appropriate.
 - (d) That vehicles have secure loads and have proper markings i.e. (serial, center of gravity, unit, aircraft tail number and weight).
- (2) Embarkation unit commanders will make provision for billeting and messing of advance details.

c. Movement of the main body

- (1) Troops of embarkation units will be moved to embarkation area to coincide with their loading aboard aircraft as established in Tab A (Unit Aircraft Load Assignment and Schedule).

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(2) Embarkation unit commanders will submit transportation requirements and desired movement schedule to Battalion S-4 not later than 1200, 21 Nov 1967.

d. Embarkation Rosters. Will be submitted to Battalion S-4 listing all personnel to be embarked by 1400, 21 Nov 1967.

4. EMBARKATION AREAS

a. Assignment of areas and Embarkation Points

(1) See Tab B. (Embarkation Areas and Control Points)

(2) The Battalion Air Embarkation Control Officer will be the liaison between all units of this battalion and the aircraft personnel.

b. Preparation - The battalion S-4 office will be responsible for the preparation of embarkation areas and aircraft parking areas.

c. Materiel Handling Equipment - The Battalion S-4 office will insure availability of all materiel handling equipment required in embarkation areas.

d. Security - The Battalion S-4, thru coordination with the unit embarkation commander, will insure adequate security of equipment in the embarkation areas.

5. EMBARKATION SCHEDULES

a. Limiting Dates - Loading and embarkation will commence not earlier than D(-)4 and will be completed not later than D(-)1.

b. Loading Schedule - See Tab A (Unit Aircraft Load Assignment and Schedule).

6. CONTROL

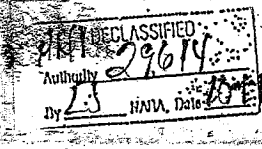
a. Traffic Circulation and Control

(1) See Tab B for sketch of traffic circulation route and location of major control points.

(2) Embarkation unit commanders will be responsible for traffic circulation and control measures within assigned embarkation areas and coordinate such measures with adjacent units and traffic control agencies.

(3) The Battalion S-4 office will provide sentries at major control points.

b. Air Embarkation Control Office



- (1) The Battalion S-4 office will establish a Battalion Air Embarkation Control Office in the Battalion classroom. The functions of this office are as follows.
 - (a) Control movement of equipment and personnel to and from aircraft.
 - (b) Designate aircraft to be loaded.
 - (c) Call from the assembly area equipment required in the Call Forward Area.
 - (d) Act as liaison with aircraft personnel.
 - (e) Coordinate with aircontrol tower for control of aircraft while on ground.
- (2) An officer from the embarking unit will be located in the air embarkation control office to provide any assistance that may be required in embarking the unit.
- (3) Control offices when established, will function on an as required basis for embarking units.

c. Communications

- (1) PPC-25 radios will be utilized for primary communications between areas.
- (2) Communications will be established between aircraft parking lanes, assembly areas; Call Forward Area, and Air Embarkation Control Office.
- (3) Air Embarkation Control will act as net control and the net will be directed.
- (4) Back up communications will be by messenger and unit embarkation commanders will insure messengers are available in case of primary communication failure.

7. MISCELLANEOUS

a. Safety

- (1) Maximum speed on loading ramp - 5 MPH.
- (2) Drivers use extreme caution moving vehicles around aircraft.
- (3) Drivers will not go beyond Call Forward Area unless under control of ground direction personnel.
- (4) NO SMOKING on loading or unloading ramps.
- (5) NO SMOKING in or around aircraft at any time.

8. PERSONNEL



a. Static loading rehearsal will be conducted 22 Nov 1967, to include rigging of equipment and supplies, aircraft loading procedures, passenger conduct, and emergency procedures.

M. S. Jolley

M. S. JOLLEY
Lieutenant Colonel, U.S. Marine Corps
Commanding

TABLE:

A - Unit Aircraft Load Assignment and Schedule

B - Air Support Areas and Control Points.

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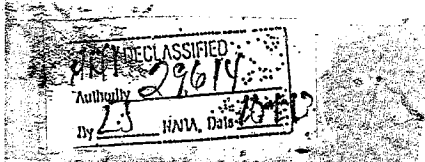
(Air Movement Aircraft Load Assignment and Schedule) to Appendix 1
 (Air Movement) to Annex C (Administration and Logistics) to Operation
 Order 7-67 (Blue Lotus)

- Ref: (a) FEFM 4-6
 (b) FIC Manual 55-14 (USAF)
 (c) T.O. 1C-141A-955-6 (Cargo Loading-USAF Series C-119A aircraft)
 (d) 63rd Military Airlift Wing Operation Order 5 (1967)

Time Zone: Tango

1. Air Movement Group ALFA

Flight	Unit	Vehicles	Bed Loads	Equipment	Pers
A001	A	M36 238591 Cpl Springst... ead	AFCC	Inchr	10
	S4	M38 316652 M100 204601 Cpl Burns			
A002	A	M36 238498 LCpl Schulties M3	Cable & ... Reels	PAR	7
	A	M3			
A003	A	M36 238778 LCpl Hall M38 M100 Cpl Ingram	Comm Equip	LOPIR	10
A004	A	M36 238652 Cpl Post		CWAC PU/648	6
A005	A	M36 238652		BCC	10
	B			BCC	
	HM			AN/TSM-2	
A006	A	M36 238729 Sgt Gunnish	Btry Sup.	Lachr Pu/648	6



		M30 238408 Cpl Hogsett M83	Btry Sup	ROR PU/648	6
A008	A/BnSup	M36 238654 Cpl Graves	8 Supply Pallets	M107 PU/648	5
A009	A/BnSup MT	M36 238679 Cpl Marlow M38 316777 Cpl Severance	8 Supply Pallets		9
A010	HM			AN/TSM-7 AN/TSM-3 AN/TSM-4	5
A011	A/MT	M49 Tanker 310601 Cpl Kerr		PU/648	2
A012	Mess	M36 238776 M105 Cpl McPherson	Mess Equip	PU/239 #230879	6
A013	Mess	M36 238627 Cpl Hoffman	Mess Equip	M107	10
A014	CC	M38 316350 M100 204246 SSgt Kempf			13
A014	A (CO)	M36 238581 Cpl Bunce M38 M100 Cpl Worthy	H&S Btry Supply		12
A015	HM S3			AN/TSM-5 AN/TSM-6 HPS-1	6
2. Air Movement Group Bravo					
A016	S3	M36 238675 Cpl Philpot	Bubble Radar Sect	PU/239	10
	S3	M38 316527 M100 183301 LCpl Gerjan			
A017	S3	M36 238662 Cpl Sears	Pers. Gear	PU/344	10
	S3	M37 314756 Cpl Eldredge			
A018	S3	M36 238533 Cpl Burrnell	Antenna 4 Empty Fuel Drums		10
	S3	M38 316450 M100 204603 Pvt Belland			
	B	M37			

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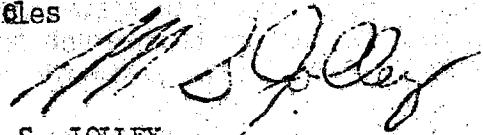
A019	B (XO)	M36 238683 LCpl McCanka M38 M100 Cpl Baccus	Comm Equip	Inchr	12
A020	M83 Cpl Groce			PAR PARAnt (Pallet)	12
A021	B	M36 238496 LCpl Gardom	AFCC & Cables	GWAC PU/648	10
A022	B	M36 238573 Cpl Banks	15 Fuel drums	LOPIR PU/648	6
A023	B	M83 Cpl Hartig		Inchr PU/648 PU/648	10
A024	B/Mod	M170 Amb 308366 Cpl Gardner		PU/239 M107	9
A025	B BMXO	M36 238480 Cpl Navarro M38 316505 M100 204025 Cpl Wilson	Btry Sup		9
A026	Comm Comm Comm	M38 316300 M100 183312 Sgt Brown M37 314637 LCpl Lee M83 Sgt Nelson			12
A027	Comm Comm Comm	M36 238631 Cpl Ghoncek M37 314721 Cpl Seiferth M87 Cpl Millerd			16
A028	B (CO)	M38 316707 M100 Pfc Oliver M83 Cpl Matistic M83 LCpl Parker		M107	7

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 By 23 HAVA Date 2012

U.S. Air Movement Group Charlie

A029	HM	M36 236641 Cpl George	8 Supply Pallets	PU/239 PU/239	5
A030	MT	M49 Tank 318888 LCpl Renz		PU/648	2
A031				PU/648 PU/648 PU/648	1
A032	MT	M49 Tank		Welder #309151	2
A033	MT	M50 Water Tanker Cpl Marks			3
	MT	M38 316459 Sgt Hammond			
A034		M36* 238534 LCpl Small			8
	HM	M37 320529 M101 316810 Sgt Lindgren			
A035		M36* 238642 LCpl Popek M36* 238643 Cpl Howard	Hawk Maint Equip		6
A036		M36* 238661 Cpl Radley M38 316262 M100 183521 Cpl Schouneman			10
	BnCo				
	HM	M38 316602 M100 204158 Sgt Cozad			
A037		M30* 238458 Cpl Moss M37 32490 Cpl Bacon			16
	S4				

* Aircraft Loading Vehicles

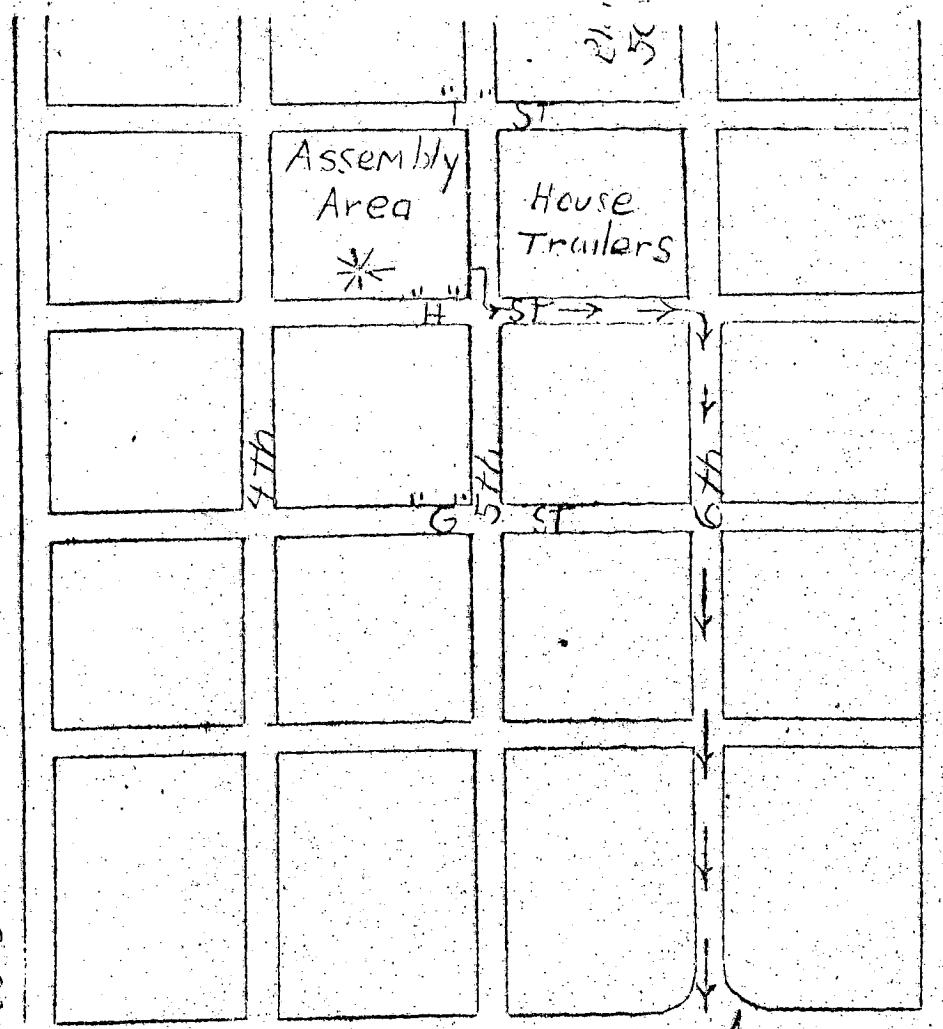
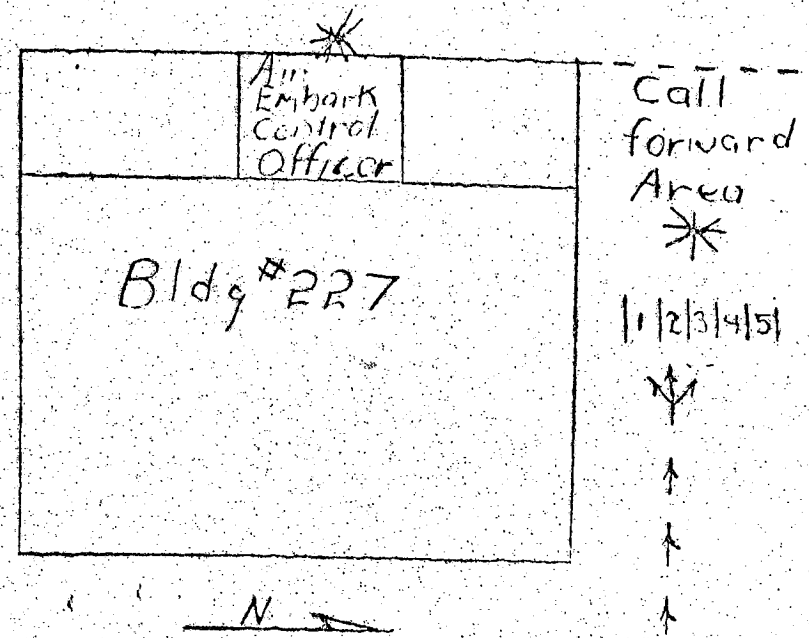
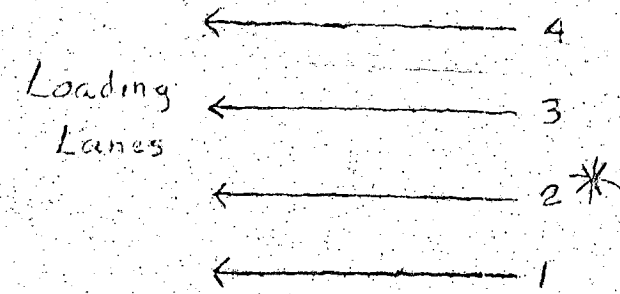


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Tab B (Distribution Areas and Embark Points) to Appendix 1 (Air Movement) to
 Annex 1 (Administration and Logistics) to Operation Order 7-67 (Blue Issues)

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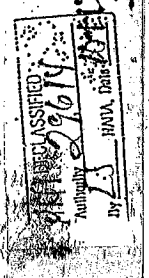


→ Movement Route From Assembly Area to Call

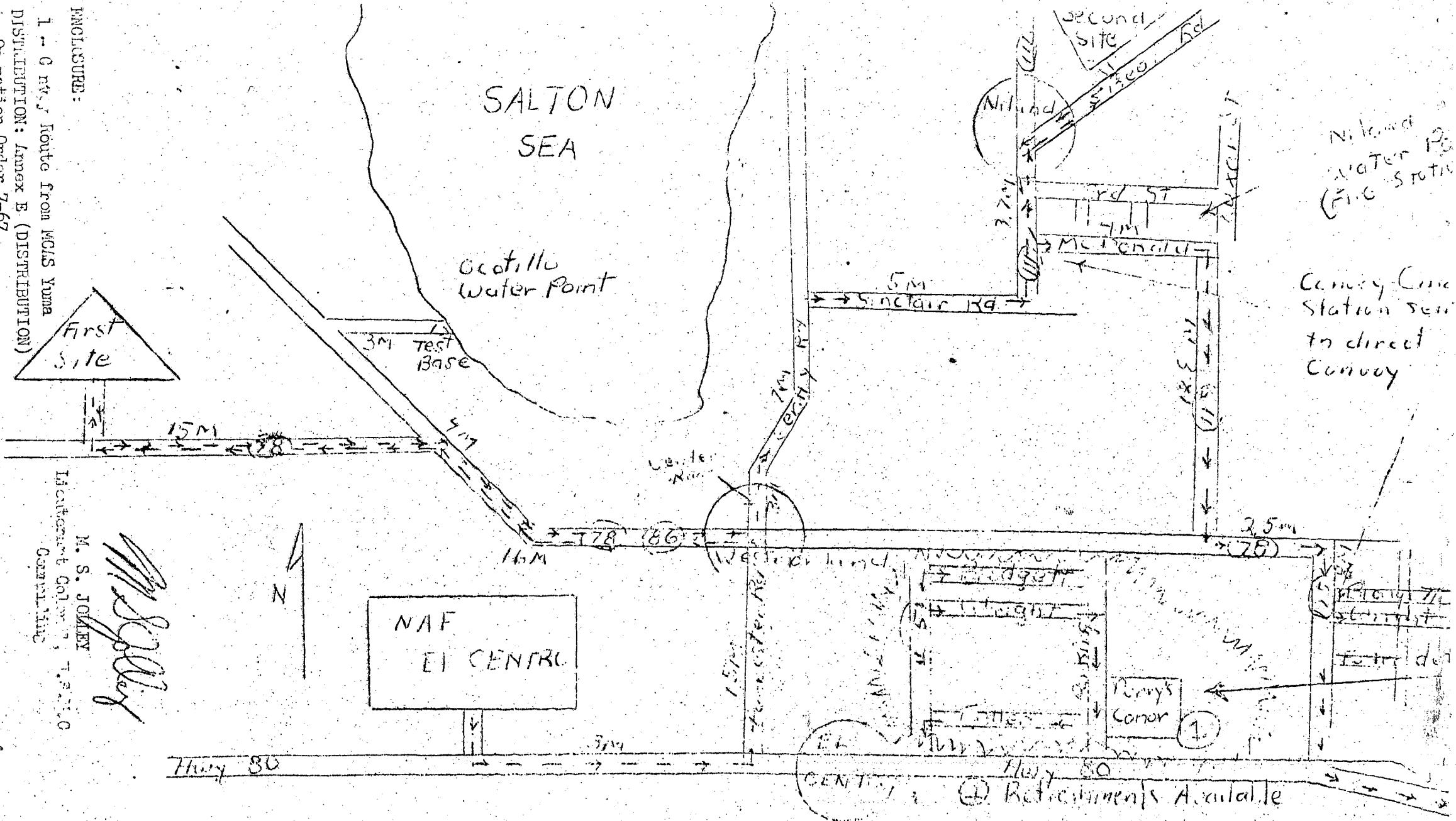
* Vehicle Traffic and Loading Control Points.

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INCLOSURE:
1 - O rty route from MGCS Yuma
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to Operation Order 7-67



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Lieutenant Colonel
Commanding

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Appendix 2 (Ground Movement) to Annex C (Administration and Logistics) to Operation Order 7-67 (Blue Lotus)

Ref: (a) WgO 11240.6

Time Zone: Uniform

1. SITUATION

- a. Enemy Forces. Not Applicable
- b. Friendly Forces. NAF El Centro
- c. Attachments and Detachments. One M-50 Water Truck attached.
- d. Assumptions. That:

(1) C-141 Aircraft will land at NAF El Centro with sufficient vehicles to accomplish mission.

(2) If C-141 Aircraft are not available for transporting vehicles to NAF El Centro, sufficient personnel and vehicles will be available at MCAS, Yuma to accomplish mission.

(3) Weather conditions will permit execution of this plan.

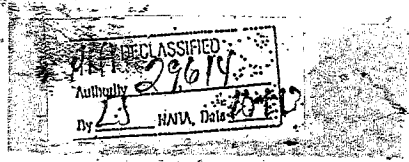
2. MISSION. To provide ground transportation for 5th LAAM Battalion in support of Operation Blue Lotus.

3. EXECUTION

- a. Concept of Operation.

(1) On D(-)3 through D(-) 1 5th LAAM Battalion will begin deplaning personnel supplies, and equipment at NAF El Centro for subsequent staging and movement by motor convoy to Otillo Wells area as depicted in TAB A. Air Movement Group Commanders ALFA, BRAVO, and CHARLIE will, upon landing, be redesignated as Convoy Commanders ALFA, BRAVO, and CHARLIE respectively. Convoy Commanders will stage their personnel, equipment and supplies in an area designated by Forward Air Embarkation Control Officer for movement to objective area.

(2) In the event aircraft are not available for air movement from MCAS, Yuma the battalion will be transported by motor convoy in accordance with Enclosure (1), (Convoy Route from MCAS, Yuma) to Tab A which is also applicable to equipment required for the operation but not scheduled for air movement.



(3) All vehicles other than those assigned to unit commanders will be under the control of the Battalion S-4 Officer. Vehicles will be dispatched to missile batteries to fulfill tactical requirements as set forth in Annex A (Concept of Operation).

(4) After completion of Operation Blue Lotus and on order from the Battalion Commander, Batteries A & B will depart the Niland area for MCAS, Yuma. Convoys will leave with 30 minute separation and proceed in accordance with Tab A. Upon arrival at MCAS, Yuma, previously designated trucks will unload and return to the Niland area to return the remainder of 5th LAAM Bn to MCAS in accordance with Tab A.

b. Coordinating Instructions

(1) The Battalion S-4 will coordinate movement of all vehicles between the battalion and missile battery areas.

(2) Battery Commanders will control all vehicles for the duration of a tactical move.

(3) Upon completion of tactical moves Battery Commanders will return vehicles to Battalion Motor Pool.

(4) D-Day 1 December 1967.

4. ADMINISTRATION AND LOGISTICS. Annex C (Administration and Logistics) to Operation Order 7-67 (Blue Lotus).

5. CONVOY CONTROL

a. Convoy procedures will be in accordance with reference (a) and as delineated herein.

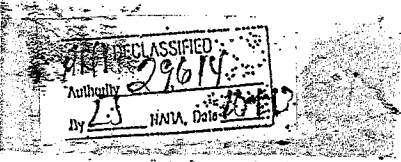
b. Control of convoys while on the road will be by MRC-83 radios.

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Commanding

TAB.:

A - Convoy Routes

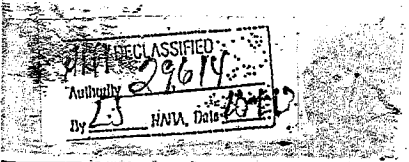
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Tab A (Convoy Routes) to Appendix 2 (Ground Movement) to Annex C
 (Administration and Logistics) to Operation Order 7-67 (Blue Lotus)

1. Route from NAF, El Centro, to first site-Hwy (80) east to Forrester Rd, north to Westmorland, Hwy (76) (86) to junction of (78) and (86), west on (78) 15 miles toward Ocotillo.
2. First site Ocotillo Badlands to second site Niland Area-(78) east to (78) and (86) to Westmorland. Center Rd north to Gentry Rd to Sinclair Rd, east to (111), north to Niland and turn right on Beal Rd.
3. Second site Niland to MCAS, Yuma-Beal Rd to (111), south to McDonald Rd east to (115), south to (78), east to (115), south to Wright Rd to Perry's Corner. Vehicles will park off road as far as practicable. All personnel will remain in vicinity of vehicles until Convoy Commander has notified proprietor of the arrival of the Convoy personnel. Convoy Commander will give proprietor his name and unit address prior to allowing personnel to enter. The Convoy Commander will assume responsibility for the conduct of convoy personnel.
4. From Perry's Corner to Fuller Rd west to (115), south to Hwy (80), east to MCAS, Yuma.



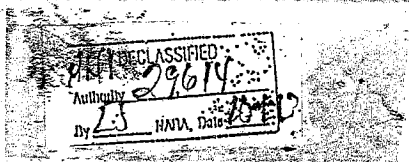
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ENCLOSURE 1 (Convoy Route from MCAS, Yuma) to TAB A (Convoy Routes) to Appendix 2 (Ground Movement) to Annex C (Administration and Logistics) to Operation Order 7-67 (Blue Lotus)

1. ROUTE - After leaving MCAS, Yuma, turn north on Ave 3E and continue to Hwy 80. Proceed west on highway 80 until arrival at Forrester Rd located two miles west of the city of El Centro, California. Turn north on Forrester Road and continue route as indicated on TAB A (Convoy Routes).

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Appendix 3 (Medical) to Annex C (Administration and Logistics) to
 Operations Order 7-67 (Blue Lotus)

Time Zone: Uniform

1. ORGANIZATION

- a. Battalion surgeon and one corpsman establish Battalion Aid Station at Battalion Headquarters.
- b. One corpsman attached to Batteries A and B each.

2. MISSION - To provide medical support for 5th LAAM Battalion during air movement training and Operation Blue Lotus.

3. SANITATION

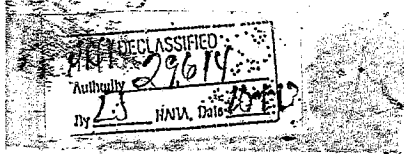
- a. Maximum sanitary discipline commensurate with combat conditions will be insured by unit commanders.
- b. Only water from approved water points will be consumed.
- c. Prior to each meal, medical personnel will inspect the galley area and messing facilities and report any discrepancies to the Headquarters Commandant.

4. EVACUATION AND HOSPITALIZATION

- a. All casualties requiring evacuation will be evacuated to the nearest Armed Forces Medical Facility by the most expeditious means.
- b. The dispensary located aboard HAF, El Centro, will serve as an emergency medical facility. This installation is staffed and equipped to perform minor surgery.
- c. The ambulance will be attached throughout the exercise and located at the Battalion Aid Station. Emergency helicopter evacuation will be available through MCAS, Yuma.
- d. Emergency evacuation requests will be transmitted by field communications to 5th LAAM Battalion Officer of the Day who will notify Station Search and Rescue, Ext. 2176.

5. MEDICAL SUPPLIES

- a. Corpsmen will carry Unit 1 bags.
- b. Additional supplies will be maintained at the Battalion Aid Station.



6. MEDICAL ADMINISTRATION

- a. All Evacuation and Casualty reports will be forwarded to the Battalion Commander through the Battalion S-4 office.

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APPENDIX (Personnel) to Annex C (Administration and Logistics) to
 Operations Order 7-67 (Blue Lotus)

Ref: (a) MOO P5000.3
 (b) Wgt P5000.1

Time Zone: Uniform

1. STRENGTHS

a. All effective 5th LAAM Bn personnel will participate.

2. REPLACEMENTS - None

3. MORALE AND PERSONNEL SERVICES

a. Leave and Liberty - Emergency leave only during the exercise.

b. Pay - Pay call will go on 30 November 1967. Personnel who desire
 may endorse their checks and place them in a government envelope
 for return to the Battalion Rear for subsequent mailing.

c. Information - Queries from news media or other sources concerning
 the exercise will be referred to this Headquarters for disposition.

d. Mail - Mail will be delivered to Batteries and sections daily by
 the Battalion Mail Orderly.

4. PERSONNEL PROCEDURES

a. Will be in accordance with references (a) and (b).

b. Prior to the exercise, Unit Commanders will check Identification
 Cards and Tags for currency/accuracy.

c. Service Records, Health Records, Dental Records and Pay Records
 will remain in the rear.

d. Casualty/Injury reports (ACTUAL) will be in accordance with Chapter
 12 of Reference (a) and will be submitted to this Headquarters.



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- Ref: (a) 3dMAWO P2000.3 (CommSOP)
 (b) 3dMAWO P02000.4 (COI)
 (c) 5th LAAM En Comm SOP (Rough)

Time Zone: UNIFORM

1. SITUATION

- a. Enemy Forces. None
- b. Friendly Forces

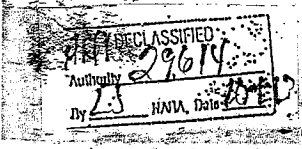
Command Posts

- (1) 5th LAAM En
- (2) H&S Battery
- (3) Battery A
- (4) Battery B

2. MISSION. Commencing 29 November 1967 communication elements of 5th LAAM En provide communication support for operation PLUS LOTUS.

3. EXECUTION

- a. Concept of Operations. Radio will be utilized as the primary means of communication for operation PLUS LOTUS. When possible Radio Relay will be established between H&S Battery and the firing Batteries. Radios operating on the AAI and AAC nets will be placed in a stand-by status when Radio Relay is being used. Wire communications will be employed within the CP.
- b. Communication Platoon
 - (1) Provide radio communication to the Battalion rear.
 - (2) Be prepared to provide radio communication support to TACRON on order.
- c. Wire Section
 - (1) Install, operate and maintain field telephone communications in accordance with reference (c).



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d. Radio Section

- (1) Provide communications on assigned radio nets. (Radio Frequency Plan).
- (2) Provide one HF Radio with operator for augmentation to MACS-1.

e. Radio Relay Section

- (1) Be prepared to provide radio relay communications between WOC and the Missile Batteries.

f. Message Center Section

- (1) Establish field message center.
- (2) Maintain message center at Battalion Rear.

g. Maintenance Section

- (1) Provide personnel and materials for maintenance support in the field.

h. Batteries A/B

- (1) Guard assigned radio nets in accordance with APPENDIX 1 (Radio Frequency Plan).
- (2) Be prepared to provide support for radio relay terminal team when attached.

i. Time. Uniform time (West Coast) will be used by all units participating in the operation.

j. Coordination-Instructions

- (1) references (a), (b), and (c).
- (2) Radio
 - (a) APPENDIX 1 (Radio Frequency Plan)
 - (b) Call Signs. See reference (b).
- (3) Wire. Telephone Directory Names, see reference (c).

4. ADMINISTRATION AND LOGISTICS

- a. All messages transmitted from the field to the Battalion Rear will be processed through message center.

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- b. Communication maintenance facilities will be available at the H&S Battery CP.

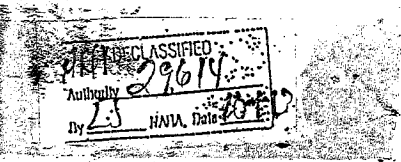


M. S. JOLLEY
LtCol. USMC
Commanding

APPENDIX:

- 1. Radio Frequency Plan

DISTRIBUTION: Annex E (Distribution) to Operations Order 7-67.



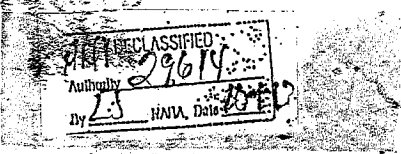
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(Annex D) to Annex D (Communications) to
 Operations Order 7-67

	W-6(E) CI/M	W-39(S)	W-9(P)	W-34(3)ADMIN	W-70(S)	W-28(3) AAC	W-25	JAI	PAD	UHF	243.0 GUARD
C - NET CONTROL											
X - GUARD											
O - AS REQUIRED											
FRONT END (A/C)	V	V	V	V	V	V	V	V	V	V	V
EMISSION											
5th LAAM In	X	C	C	C	C	C	C	C	C	C	X
5th LAAM En Rear		X									
Battery A/D				X	X						
Aircraft										X	

- Spare Frequencies
 W-87 (VHF)
 W-124 (UHF)

- All HF Frequencies will be operated on upper sideband unless otherwise directed.



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MCAS, Yuma, Arizona
22 November 1967

Annex B (Distribution) to Operation Order 7-67

Ref: None

Time Zone: UNIFORM

1. Distribution

- COMFIRSTFLIGHT 1
- TACHON-13 1
- AFOPS (Fleet Liaison) 1
- S-1 1
- S-2/S-3 3
- S-4 1
- Supply 1
- Motor Transport 1
- Communications-Electronics 2
- Medical Section 1
- Maintenance Platoon 1
- H&S Battery 2
- Battery A 4
- Battery B 4
- Extra Copies 6

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LtCol USMC
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5TH LAAM BN

c/c

Jan-Jun-68

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By: [Signature] NAVA, Date: [Signature]

HEADQUARTERS
5th Light Antiaircraft Missile Battalion
MACG-38, 3dMAW, FMFPac
Marine Corps Air Station
Yuma, Arizona 85364

03:JDM:rjc
5750
15 July 1968

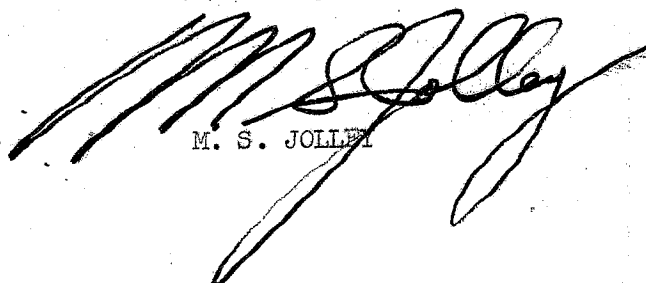
From: Commanding Officer
To: Commanding Officer, Marine Air Control Group-38

Subj: Command Chronology, report of

Ref: (a) MCO 5750.2A
(b) WO 5750.1B
(c) GruO 5750.1A

Encl: (1) Command Chronology for period 1 Jan 68 to 30 Jun 68

1. In accordance with references (a) through (c) enclosure (1) is submitted.


M. S. JOLLEY

5750 4AAM RM

WIZ: BUREAU 240
OCT 12 1968
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Jan - Jun 1968

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COMMAND CHRONOLOGY

1 January to 30 June 1968

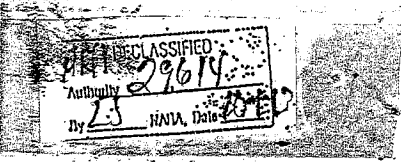
INDEX

PART I - ORGANIZATIONAL DATA

PART II - NARRATIVE SUMMARY

PART III - SEQUENTIAL LISTING OF SIGNIFICANT EVENTS

PART IV - SUPPORTING DOCUMENTS



PART I
ORGANIZATIONAL DATA

1. DESIGNATION
(RUC) 23980

COMMANDER

5th Light Antiaircraft Missile Battalion

LtCol M. S. JOLLEY
1Sept66 to Present

SUBORDINATE UNITS

H&S Battery

Capt L. G. MALONE
28 Oct66 to 23 May68
Capt D. L. BAGLEY
24May68 to Present

Battery A

1stLt T. T. BEAN
6 Dec67 to 9 May68
Capt R. P. JACOBSON
10 May68 to Present

Battery B

1stLt B. R. HARRIS
6 Dec 67 to 29 Mar 68
Capt A. J. HARTKOPF
30 Mar68 to Present

2. LOCATION

1 July66 to Present: MCAS Yuma, Arizona

3. STAFF OFFICERS

Executive Officer

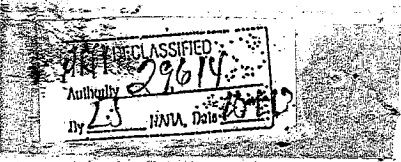
Maj A. C. GETZ
12 Dec67 to Present

S-1 Officer

1stLt D. J. COLLINS
18 Sept67 to Present

S-2/S-3 Officer

Capt D. D. SMITH
21 Dec67 to 19 Jan68
Maj C. F. KELLENBARGER
20 Jan68 to Present



S-4 Officer

Maj C. F. KELLENBARGER
 11 Sept67 to 19 Jan68
 Capt B. C. LONG
 20 Jan68 to 23 May68
 Capt L. G. MALONE
 24 May68 to Present

Communication Officer

Capt R. A. HUGHES
 10 Sept66 to Present

4. AVERAGE MONTHLY STRENGTH

	<u>USMC</u>		<u>USN</u>		<u>OTHER</u>	
	<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>
Jan	51	482	2	7	NONE	
Feb	45	476	1	9		
Mar	46	470	1	11		
Apr	43	460	1	11		
May	41	477	1	12		
Jun	42	489	1	14		

PART II

NARRATIVE SUMMARY

During this reporting period 5th LAAM Bn conducted two HAWK FIREX'S, supported three COMFIRSTFLEET exercises by providing aggressor SAM sites, and conducted one battery AAWEX. Battalion, battery, and Augmented Assault Fire Unit deployments were used during these exercises. Training during the deployments included salvo and ripple firing of missiles, ground tactics to include perimeter defense of battery positions, ECGM and use of the AN/TSQ-57 Operations Central.

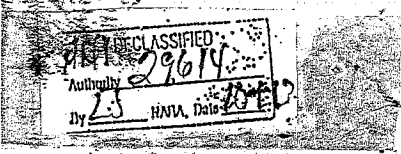
PART III

SEQUENTIAL LISTING OF SIGNIFICANT EVENTS

1. Personnel

- a. 3Jan68 Major Getz recieved Bronze Star w/Combat V
- b. 10Jan68 SSgt Smith C. L. recieved Navy Achievement Medal
- c. 9Feb68 Capt Gosney R. R. recieved Navy Commendation Medal
- d. 15Feb68 Following officers promoted to 1stLt;

MODETZ, H. J.	MIYOSHI, D. M.
NICOLL, D. R.	CARPENTER, T. S.
McNEAL, D. J.	TOKEN, A. C.
LONG, E. E.	STERLING, H. W.
SANDERSON, P.	



- e. 29Mar68 Capt HARTKOPF, A. J. assumed command of Battery B
- f. 1Apr68 Capt BAGLEY, D. L. promoted to present rank
 1stLt ALLEN, B. D. promoted to present rank
 1stLt TOUKENAN, A. W. promoted to present rank
 SSgt GOSSETT promoted to present rank
 GySgt TINSETH promoted to present rank
- g. 10May68 Capt JACOBSEN, R. P. assumed command of Battery A
 1stLt LONG, B. C. promoted to Captain
 1stLt O'SHIELDS, T. S. promoted to Captain

2. Administration Nothing significant

3. Intelligence Nothing significant

4. Training

- a. 16Mar68 - 21Mar68. The battalion conducted a HAWK FIREX at MCAS, Yuma.
- b. 14Jun68 - 21Jun68. The battalion conducted a HAWK FIREX at MCAS, Yuma.
- c. April68. Conducted AN/TSQ-57 training with the use of closed circuit television.

5. SPECIAL OPERATIONS

- a. Jan. - June 68. Provided aggressor SAM sites in support of COMFIRSTFLEET operations on 8-11 Jan, 27-30 Apr, and 27Jun-3Jul68.

6. COMMAND RELATIONS 5th LAAM Bn is under Operational and Administrative control of Marine Air Control Group-38.

7. EQUIPMENT

- a. 25Jan68. Received AN/TSQ-57, Operations Central

8. LOGISTICS

- a. Jun68. Part of 5th LAAM Bn moved into new barracks.
- b. Jun68. First phase of Project 111 (P076) joint MCAS/LAAM 400 cycle power supply generator site completed.

9. COMMUNITY RELATIONSHIPS Nothing significant

10. COMMUNICATIONS Nothing significant

11. ACTIVATIONS/DEACTIVATIONS/REDESIGNATIONS N/A

12. NEW PROGRAMS

This Battalion has experimented with close circuit television as a training aid and found it very beneficial. Further use of television in technical training is programmed.

13. COMMAND RELATIONS WITH OTHER MILITARY ORGANIZATIONS. Nothing significant

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PART IV

SUPPORTING DOCUMENTS

- Operations Order - 1-68 ✓
- 2-68 ✓
- 3-68 ✓
- 4-68 ✓
- 5-68 ✓
- 6-68 ✓

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By 23 NAVA Date 10/2/81

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5th LAAM Bn
MCAS, Yuma, Arizona
21 December 1967

Operations Order 1-68

Ref: (a) Map - USAF Operational Navigation Chart, 1:1,000,000, Sheet
No. ONC G-18.
(b) BnO P3100.1

Time Zone: T-NGO

Task Organization

5th LAAM Bn
H&S BATTERY

LtCOL J. J. JONES
Capt Malone

Battery A

1st Lt Bean

1. SITUATION

- a. Enemy Forces. Constructive.
- b. Friendly Forces. Constructive.

2. MISSION

Battery A, with elements of H&S Battery, 5th LAAM Bn, will conduct aggressor SAM tactics, to include ECCM, in conjunction with CONFIRSTFLT, during the period of 8-11 January 1968, from positions in the Niland/Chocolate Mountain area.

3. EXECUTION

a. Concept of Operation

- (1) On or about 080800T January 1968, Battery A with elements of H&S Battery, will march order to ED2919 and be operational during the following times: 081200T - 082330T, 091020T - 092330T, 101030T - 102330T, and 110730T - 111200T January 1968.
- (2) While in the designated position, Battery A will conduct tracking drills and simulate firing at identified aircraft in the area.
- (3) The AAOC via UHF communication, will inform the attack aircraft of successful or unsuccessful engagements and simulated missile firings as prescribed by CONFIRSTFLT's operation order.



(4) On or about 111200T January 1968, Battery A will secure operations, march order, and return to MCAS, Yuma at the discretion of the Battery Commander.

- b. 5th LAAM Bn. Establish an AAOC in the exercise area to provide control and direction of Battery A during AAW operations.
- c. H&S Battery. Provide logistic, communication, and administrative support as required.
- d. Battery A. Will be operational and prepared to carry out those directives outlined in the Concept of Operations.
- e. Coordinating Instructions

- (1) Battery A Commander will notify the Battalion Commander upon departure from MCAS, Yuma, arrival at the tactical site, departure from the tactical site, and return to MCAS, Yuma.
- (2) Battery A will send a voice report to the AAOC when the battery becomes operational at the tactical site and just prior to displacing.
- (3) Battery A Commander will ensure the following reports are submitted to Bn S-3:
 - (a) Battery Effectiveness Diagram (Ref(b), par. 608.1).
 - (b) Electronic Countermeasures Report (Ref(b), par. 608.4).
 - (c) Antiaircraft Action Report (Ref(b), par. 608.5).
 - (d) Post Exercise Report. This written narrative will be submitted within three days after return to garrison. The report will discuss and analyze significant features of the exercise relating to personnel, operations, command control, logistics and anti-air-warfare training.

4. CONCEPT OF LOGISTICAL SUPPORT (See Annex A)

5. COMMAND AND COMMUNICATIONS-ELECTRONICS

- a. 5th LAAM Bn Cp will remain in its present position.
- b. Communications will be maintained between 5th LAAM CP and the AAOC via HF radio on a twenty-four hours a day basis.
- c. The AAOC will establish communication with the attack aircraft via UHF radio during the exercise.
- d. H&S Battery will provide one wireman, one radioman, and two PRC-41 radios to the AAOC during the exercise.
- e. In case of an emergency and if normal communications between the Battery (deployed) and Battalion rear are impaired, and it becomes necessary to make a toll call back to the battalion, the call will be put into the Battalion XO, or the Battalion COB.

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By Command of LtCol M. S. JOLLEY

A. C. Getz

A. C. GETZ
Major USMC
Executive Officer

ARRANGES:

A-Concept of Logistical Support

DISTRIBUTION:

- COMFIRSTFLEET 1
- S-1 1
- S-2/3 3
- S-4 1
- Supply 1
- Motor Transport 1
- Communications-Electronics 2
- Medical Section 1
- Maintenance Platoon 1
- IRS Battery 2
- Battery A 4
- Battery B 1
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 MCAS, Yuma, Arizona
 28 Dec 1967

Annex A (Concept of Logistic Support) of Operation Order 1-68

Ref: (a) Maps: USAF Operational Navigation Chart ONC G-18
 1:1,000,000

Time Zone: TANGO

1. MISSION AND CONCEPT OF OPERATION: Refer to Operation Order 1-68

2. SUMMARY STATEMENT OF CONCEPT OF LOGISTIC SUPPORT

Operating and safety levels of supply will be maintained by the using unit. Additional third and fourth echelon maintenance supplies for HAWK peculiar equipment will be provided by a contact team located at MCAS Yuma. The Battery Commander will control all assigned vehicles. The 5th LAAM Bn (-) located at MCAS Yuma will be prepared to provide additional requirements if needed.

3. REQUIREMENTS

a. Supply

(1) Personnel to be supported.

Battery A (with drivers)	100
S-3 Operations	25
H&S Battery	9
Corpsmen	1
TOTAL	135

(2) Class I

(a) Meals, combat, Individual ("C" Rations)
 one meal per man (135)

(b) Class A Rations will be provided in objective area.

(c) Water - 5 gal per individual per day

(3) Class II

As required to accomplish mission

b. Transportation

(1) Line hauls

8 January 68

85 miles

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(2) Transportation means

M-36 2 1/2 T tk (6X6)	19
M36A1 1/4 T tk (Jeep)	3
M-83 1/4 T Radio	3
M-37B1 3/4 T tk (P.C)	2
M-170 1/4 T tk (Ambulance)	1
M-49 2 1/2 T Tanker (Gasoline)	1
M-49 2 1/2 T Tanker (Deisel)	1
M-54 5T Wrecker	1
TOTAL	31

Other

M-100 1/4 T Trailer	3
M-107 1 1/4 T Trailer, Water	2
TOTAL	6

(3) Bulk POL to be moved

1,860 gals deisel fuel
 1,200 gals gasoline

c. Service

(1) Maintenance of equipment

(a) First and second echelon maintenance will be provided by the Missile Battery.

(b) Third and fourth echelon maintenance will be provided, if required, by a contact team located at MCAS Yuma.

(2) Service units and installations required

(a) 5th LAAM Bn (-) located at MCAS Yuma for supplementary third and fourth echelon maintenance and supply.

(b) MCAS Yuma for emergency helicopter evacuation.

d. Evacuation and Hospitalization

(1) Anticipate no casualties

(2) A corpsman will be attached to Battery A.

(3) The dispensary located at MAF, El Centro, will serve as an emergency medical facility. This installation is staffed and equipped to perform minor surgery.

(4) The ambulance will be attached throughout the exercise. Emergency helicopter evacuation will be available through MCAS, Yuma.

(5) Emergency evacuation requests will be transmitted by field communication to the 5th LAAM Bn Officer of the Day who will...

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4. PROVISION OF LOGISTIC SUPPORT

a. Supply. Class I and III supplies will be maintained by the using unit in the objective area. There will be no replenishment of these supplies. Third and fourth echelon HAWK peculiar items will be located at MCAS, Yuma.

b. Transportation. Interstate highways 80 and 111 have been designated as the main SERVICE ROUTES.

c. Service. First and second echelon maintenance service are inherent within the battery organization. Third and fourth echelon maintenance service will be performed at the objective area by contact teams, on 24 hour call, from 5th LAAM Bn (-) located at MCAS, Yuma.

By Command of LtCol M. S. JOLLEY

A. C. GETZ
Major USMC
Executive Officer

DISTRIBUTION:

- COMFIRSTFLEET 1
- S-1 1
- S-2/3 3
- S-4 1
- Supply 1
- Motor Transport 1
- Communications- Electronics 2
- Medical Section 1
- Maintenance Platoon 1
- H&S Battery 2
- Battery A 4
- Battery B 1
- Extra Copies 6

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 5th LAAM Bn
 MCAS Yuma, Arizona
 071200 Feb 1968

Operation Order 2-68

Ref: (a) Map: Blaisdell, Arizona, 1:25,000 sheet no. 3149-III-NW
 (b) BnO P3100.1

Time Zone: TANGO

Task Organization:

<u>5th LAAM Bn</u>	LtCol JOLLEY
<u>H&S Battery</u>	Capt MALONE
<u>Battery B</u>	1stLt HARRIS

1. SITUATION

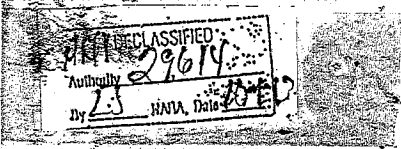
- a. Enemy Forces. Intelligence indicates that the enemy air threat toward MCAS, Yuma and Halliwell Weapons Range is from the north and east and will consist of jet attack aircraft. The enemy air threat is expected to be supported on the ground by small, squad-size harrassing attacks during the hours of darkness.
- b. Friendly Forces. Battery B will be responsible for its own perimeter defense because there will be no adjacent units.
- c. Attachments and Detachments. Elements of H&S Battery will be attached to Battery B as specified in paragraph 3 (e).

2. MISSION

Battery B, with elements of H&S Battery, 5th LAAM Bn, will conduct an anti-air warfare exercise in defense of MCAS, Yuma and the western sector of Halliwell Weapons Range.

3. EXECUTION

- a. Concept of Operations. At 190800T February, 1968, Battery B will have its personnel and equipment formed in a motor column and proceed to a position in the vicinity of FC3039. The battery will emplace upon arrival and will assume the task of missile defense as stated in the mission. On or about 211200T February 1968, as designated by Bn S-3, Battery B will secure operations, march order, and return to MCAS, Yuma.



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 5th LAAM Bn
 MCAS Yuma, Arizona
 071200 Feb 1968

ANNEX A (Concept of Logistic Support) to Operation Order 2-68

Ref: (a) Map: Blaisdell, Arizona 1:25,000 sheet no 3149-III-NW

Time Zone: TANGO

1. MISSION AND CONCEPT OF OPERATION
2. SUMMARY STATEMENT OF LOGISTIC SUPPORT

Operating and safety levels of supply will be maintained by Battery B. The Battery Commander will control all assigned vehicles and secure additional class I and III supplies as needed. The 5th LAAM Bn (-) located at MCAS Yuma will be prepared to provide additional requirements as needed.

3. REQUIREMENTS

a. Supply

(1) Personnel to be supported:

Battery B (with drivers)	70
S-3 Operations	25
Corpsman	1
TOTAL	<u>96</u>

(2) Class I.

- (a) Meals ("A" Rations) will be provided daily from Mess facilities at MCAS, Yuma.
- (b) Water - 5 gal per individual per day.
- (c) Ice - as required.

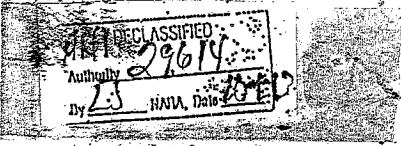
(3) Class II

As required to accomplish the mission.

(4) Class III

Three (3) days.

(5) Uniform - Utilities, T/O weapon, entrenching tool, gas mask, and any other gear as the Battery Commander may direct.



b. Transportation

(1) Line hauls:

19 February 7 miles
 21 February 7 miles

(2) Transportation means:

M-36	2 1/2 T	Trk	19
M-37	3/4 T	Trk	2
M-38A1	1/4 T	Trk	4
M-54	5 T	Wrecker	1
M-170	1/4 T	Trk(Ambulance)	1

c. Service

(1) Maintenance of equipment:

- (a) First and second echelon maintenance will be performed by the Battery.
- (b) Third and fourth echelon maintenance will be provided by a contact team located at 5th LAAM Bn (-), MCAS, Yuma, Arizona, if required.

(2) Service units and installations required:

- (a) 5th LAAM Bn (-) MCAS, Yuma, for class III refueling, water and ice.
- (b) 5th LAAM Bn (-) MCAS, Yuma, for third and fourth echelon maintenance and supplies.
- (c) MCAS, Yuma, for emergency helicopter evacuation.

d. Evacuation and Hospitalization

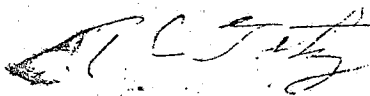
- (1) Anticipate no casualties.
- (2) Corpsman will be attached to Battery B.
- (3) The dispensary located aboard MCAS, Yuma, will serve as an emergency medical facility.
- (4) One ambulance will be attached throughout the exercise.
- (5) Emergency Helicopter evacuation will be requested by field communication to 5th LAAM Bn Officer of the Day who will notify Station Search and Rescue Ext. 2176.

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4. PROVISION OF LOGISTIC SUPPORT

- a. Supply. Class I and III supplies will be maintained by the using unit in the objective area. Replenishment of these supplies will be drawn as required from MCAS, Yuma.
- b. Transportation. Transportation will be provided by 5th LAAM Bn Meter Transport.
- c. Services. First and second echelon maintenance is inherent within the Battery organization. Third and fourth echelon maintenance will be performed at the objective area by a contact teams on 24 hour call from MCAS, Yuma.

BY COMMAND OF LIEUTENANT COLONEL JOLLEY:



A. C. GETZ
Major, U. S. Marine Corps
Executive Officer

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 By 23 NNA, Date 2008

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 MCAS, Yuma, Arizona
 251200 June 1968

OPERATION ORDER 6-68

- Ref: (a) Map: USAF Operational Navigation Chart, 1:1,000,000 Sheet No. ONC G-18
 (b) COMFLRSTFLT OpOrder 301A-68 (c)

Time Zone: TANGO

Task Organization:

5th LAAM Bn	LtCol JOLLEY
H&S Battery	Capt BAGLEY
Battery A	Capt JACOBSEN

1. SITUATION

- a. Enemy Forces. Constructive
- b. Friendly Forces. Constructive
- c. Attachments and Detachments. Elements of H&S Battery will be attached to Battery A for the period of 27 June 1968 through 2 July 1968.

2. MISSION

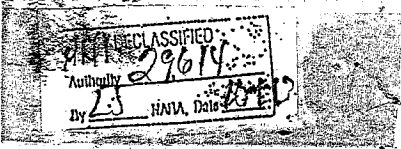
Battery A will conduct aggressor Surface to Air Missile tactics in accordance with reference (b) during the period 28 June-1 July 1968, from positions in the Niland, California/Chocolate Mountain area.

3. EXECUTION

a. Concept of Operation:

- (1) On or about 27 June 1968, Battery A will March Order to ED 3218 and prepare for operations to be conducted in accordance with reference (b).
- (2) Defensive tactics will be employed during the exercise by battery displacement and/or use of AFU.
- (3) While in position, tracking drills and simulated firing will be conducted against exercise aircraft.
- (4) Simulated missile firing will be announced to exercise aircraft via UHF Communications as prescribed by reference (b).

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- b. H&S Battery. Provide logistic, communications and administrative support as required.
- c. Battery A. Will be operational and prepared to carry out directives outlined in the Concept of Operations.
- d. Coordinating Instructions
 - (1) Commanding Officer, Battery A will notify the Commanding Officer, 5th LAAM Bn, upon departure from MCAS Yuma; arrival at the tactical site; departure from tactical site; and arrival at MCAS Yuma.
 - (2) Commanding Officer, Battery A will ensure the following reports are submitted to the Battalion S-3:
 - (a) Coverage Diagram
 - (b) Post exercise report.
 - (3) Battalion S-3 personnel attached will maintain a log of simulated missile firings.

4. ADMINISTRATION AND LOGISTICS (ANNEX A)

5. COMMAND AND COMMUNICATIONS-ELECTRONICS

- a. 5th LAAM Bn Command Post will remain in present position.
- b. Communications will be maintained between 5th LAAM Bn CP and Battery A via HF radio 24 hours daily.
- c. Communications of EMERGENCY nature may be made by toll phone call to the Battalion Executive Officer or Officer of the Day.

BY COMMAND OF LIEUTENANT COLONEL M. S. JOLLEY

[Signature]

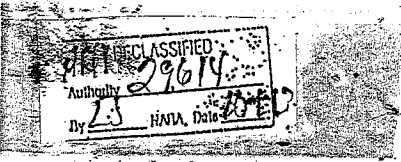
A. C. GETZ
Major U.S. Marine Corps
Executive Officer

ANNEX:

A Concept of Logistics Support

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MCAS, Yuma, Arizona
251200 June 1968

ANNEX A (Concept of Logistic Support) to Operation Order 6-68

Ref: (a) Map: USAF Operational Navigation Chart, 1:1,000,000 sheet no. ONC G-18

Time Zone: TANGO

1. MISSION AND CONCEPT OF OPERATION (Operation Order 6-68)
2. SUMMARY STATEMENT OF LOGISTIC SUPPORT

Operating and safety levels of supply will be maintained by Battery A. The Battery Commander will control all assigned vehicles and secure additional class I and III supplies as needed. The 5th LAAM Bn (-) located at MCAS Yuma will be prepared to provide additional requirements as needed.

3. REQUIREMENTS

a. Supply

(1) Personnel to be supported:

Battery A (with drivers)	85
S-3	7
Communications	2
Mess Hall	7
Corpsman	1
TOTAL	102

(2) Class I:

- (a) Meals - "A" Rations; with "C" Rations as needed.
- (b) Water: - 5 gallons per individual per day.
- (c) Ice - as required.

(3) Class II: As required to accomplish the mission.

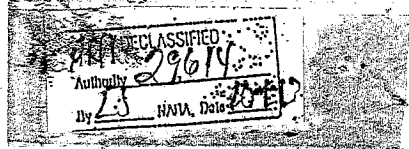
(4) Class III: Five (5) days.

(5) Uniform: as prescribed by Battery Commander.

b. Transportation

(1) Line hauls:

28 June: approx. 80 miles
1 July: approx. 80 miles



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(2) Transportation means:

M-36	2 1/2 T	20
M-37	3/4 T	2
M-38A1	1/4 T	3
M-543	5 T	1
M-83	Radio Trk	4
M-49A2	Tanker	1

c. Service

(1) Maintenance of equipment:

- (a) First and second echelon maintenance will be performed by the battery.
 - (b) Third and fourth echelon maintenance will be provided by a contact team located at 5th LAAM Bn (-), MCAS, Yuma, Arizona, if required.
- (2) Service units and installations required:
- (a) 5th LAAM Bn (-) MCAS, Yuma, and/or NAF, El Centro, for class III refueling, water and ice.
 - (b) 5th LAAM Bn (-) MCAS, Yuma, for third and fourth echelon maintenance and supplies.
 - (c) MCAS, Yuma, for emergency helicopter evacuation.

d. Evacuation and Hospitalization

- (1) Proper supervision and extreme caution will be used to prevent heat casualties.
- (2) Corpsman will be attached to Battery A.
- (3) The dispensaries located aboard MCAS, Yuma, and NAF, El Centro, will serve as emergency medical facilities.
- (4) Emergency Helicopter evacuation will be requested by field communication to 5th LAAM Bn Officer of the Day who will notify Station Search and Rescue (Ext. 2176).

4. PROVISION OF LOGISTIC SUPPORT

- a. Supply. Class I and III supplies will be maintained by the using unit in the objective area. Replenishment of these supplies will be drawn as required from MCAS, Yuma.
- b. Transportation. Transportation will be provided by 5th LAAM En Motor Transport.

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c. Services. First and second echelon maintenance is inherent within the battery organization. Third and fourth echelon maintenance will be performed at the objective area by a contact team on 24 hour call from MCAS, Yuma.

BY COMMAND OF LIEUTENANT COLONEL M. S. JOLLEY

A. C. GETZ
Major U. S. Marine Corps
Executive Officer

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5-3

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081200 Mar 1968

Operation Order 3-68

Ref: (a) Maps: El Centro 1:250,000 Sheet No. NI-11-12
Ajo 1:250,000 Sheet No. NI-12-10
Wellton Mesa 1:25,000 Sheet No. 3149 II NE
Wellton SE 1:25,000 Sheet No. 3149 II SE

Time Zone: TANGO

Task Organization:

<u>5th LAAM Bn</u>	LtCol JOLLEY
<u>H&S Battery</u>	Capt MALONE
<u>Battery A</u>	1stLt BEAN
<u>Battery B</u>	1stLt HARRIS
<u>Fleet Composite Squadron 3 (VC-3)</u>	Cmdr SANFORD
<u>Helicopter Support</u>	Capt HERBERT
<u>HAWK Improvement Team (HIT)</u>	

1. SITUATION

a. Enemy Forces: None

b. Friendly Forces:

(1) Headquarters Marine Corps arranges for the necessary telemetry support (HAWK IMPROVEMENT TEAM).

(2) CG, Third Marine Aircraft Wing provides the authority to conduct a HAWK Missile FIREX at MCAS, Yuma, Arizona.

(3) MCAS Yuma will provide the necessary helicopter recovery support.

(4) VC-3 will provide the primary targets, target support personnel and equipment.

(5) Antiaircraft Operation Center (AOC) personnel will provide positive control of Range 2301 (R2301).

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2. MISSION

The Fifth Light Antiaircraft Missile Battalion (5th LAAM Bn) will conduct a Third Quarter FY 68 HAWK Missile FIREX on 18-22 March 1968, from a position in the vicinity of Wellton, Arizona.

3. EXECUTION

- a. Concept of Operation. Annex A (Concept of Operation).
- b. 5th LAAM Bn. Establish an AACC for operational control of the FIREX.
- c. H&S Battery. Provide administrative support as required.
- d. Battery A. Emplace and commence operations on order.
- e. Battery B. Emplace and commence operations on order.
- f. Coordinating Instructions

(1) At 0800 on 13 March 1968, all battery commanders and section heads will attend an operations briefing in the Battalion classroom.

(2) Battalion S-3, Battalion S-4, and the missile batteries will coordinate to ensure that logistical requirements are met for the FIREX.

(3) Missile battery commanders will notify the Battalion Commander upon departure from MCAS Yuma, arrival at the FIREX positions, departure from the FIREX positions and return to MCAS, Yuma.

(4) Missile batteries and sections within H&S Battery will march on order and move to the field in accordance with the verbal instructions that were given on 7 March 1968, by the Battalion S-4.

(5) On or about 1000 on 18 March 1968, all Tactical Control Officers (TCO) and their assistants, Senior Missile Directors (SMD) and Assistant Missile Directors (AMD) will attend an operations briefing conducted by the Battalion S-3. The place of this meeting will be announced at a later date by the Battalion S-3.

(6) Reports required

- (a) Firing Report. See FIREX SOP (BnO 3600.1)
- (b) Malfunction Report. See FIREX SOP (BnO 3600.1)
- (c) Post Operative Report. See FIREX SOP (BnO 3600.1)

(7) Special instructions for firing of missile. See Annex D (Firing Sequence) to Operation Order 3-68 and FIREX SOP (BnO 3600.1)

(8) Special safety instruction. See FIREX SOP (BnO 3600.1)



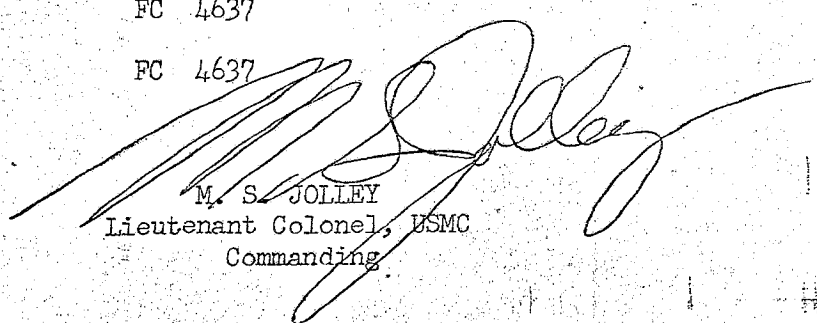
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4. ADMINISTRATION AND LOGISTICS

- a. Supply. See Annex C (Administration and Logistics)
- b. Transportation. See Annex C (Administration and Logistics)
- c. Service. See Annex C (Administration and Logistics)
- d. Evacuation and Hospitalization. See Annex C (Administration and Logistics)
- e. Personnel. See Annex C (Administration and Logistics)

5. COMMAND AND COMMUNICATIONS-ELECTRONICS

- a. Annex B (Communications)
- b. Command Posts
 - (1) Battalion Headquarters FC 4637
 - (2) H&S Battery FC 4637
 - (3) Battery A FC 4637
 - (4) Battery B FC 4637



M. S. JOLLEY
Lieutenant Colonel, USMC
Commanding

ANNEXES:

- A - Concept of Operations
- B - Communications
- C - Administration and Logistics
- D - Firing Sequence

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- Maintenance Platoon 1
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- VC-3 2

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ANNEX A (Concept of Operation) to Operation Order 3-68

Ref: (a) Maps: El Centro 1:250,000 Sheet No. NI-11-12
 Ajo, 1:250,000 Sheet No. NI-12-10
 Wellton Mesa 1:25,000 Sheet No. 3149 II NE
 Wellton SE L;25,000 Sheet No. 3149 II NE

Time Zone: TANGO

1. MISSION

The 5th LAAM Bn will conduct a quarterly HAWK Missile FIREX 18-22 March 1968, from a position in the vicinity of Wellton, Arizona.

2. CONCEPT

a. General

(1) Fifth LAAM Bn AAOC will conduct tracking drills with Batteries A and B at 1300 on 18 March 1968.

(2) Fifth LAAM Bn AAOC will conduct firing operations with the batteries on 19 and 20 March. Batteries A and B will fire three missiles each during the FIREX from GEOREF Coordinates FC 4637, inside R2301.

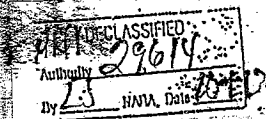
(3) Fleet Composite Squadron Three (VC-3) will provide all P2-V aircraft, MQM-36A's, BQM-34A's and TDU-22B's needed for the FIREX.

b. Firing Schedule

(1) During the morning of 19 March, 1968, there will be two BQM-34/A drones launched into R2301.

(a) At approximately 0900 on 19 March, a P2-V aircraft will launch a BQM-34A drone into R2301 to be controlled by VC-3. The drone is equipped with two TDU-22/B tow targets and will make two passes, heading in a northwest direction, east of the Battalion's position. As the drone approaches, on a specified heading, from the southwest (down range), on its first run, it will "reel out" and display its first TDU-22B tow target. The designated battery will attempt to launch a missile at this target. If the TDU-22/B is not destroyed by a missile, it will, at a predesignated point, be cut loose from the BQM-34/A drone. The drone will make a starboard turn, fly down range and at a predesignated point make another starboard turn and fly the same specified heading for a second pass. At this time, as it begins its second pass, the drone will "reel out" and display its second TDU-22/B. The designated battery will again attempt to launch a missile at this target. If this second TDU-22/B is not destroyed, it will also be cut loose from the BQM-34/A drone. At this time the drone will be landed by VC-3.

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(b) When the first BQM-34/A drone is on the deck the P2-V aircraft will launch a second BQM-34/A drone. This drone will also have two TDU-22/B tow targets. This second drone will fly the same flight path, turn at the same predesignated points and display and release its two TDU-22/B tow targets as the first drone did. The goal of the two drones is to provide four target presentations at which the Battalion can fire missiles on the morning of 19 March. If four missiles are successfully launched during the morning of 19 March, there will be no drones launched on the afternoon of 19 March.

(2) If four missiles are not successfully launched during the morning of 19 March 1968, a P2-V aircraft will launch more BQM-34/A drones into R2301, beginning at 1300, until the four missiles are successfully launched. A maximum of two BQM-34/A drones will be launched on the afternoon of 19 March 1968. Each of these drones will have two TDU-22/B tow targets. The afternoon of 19 March 1968 will be a repeat of the morning operations.

(3) At approximately 1900 on 19 March, VC-3 will launch as many MQM-36/A drones as needed to successfully accomplish the firing of two missiles. These drones will be launched from the Battalion's position and will fly the same flight path and make the same turns as the BQM-34/A drones. The MQM-36/A drones do not have any tow targets and will make as many passes as possible to provide a sufficient number of presentations to the Battalion to launch the remaining missiles.

(4) If the Battalion has not fired all of its missiles after the evening of 19 March the days activities, on Wednesday, 20 March, will be a duplication of those of 19 March.

(5) For the best presentations of targets to the firing batteries the BQM-34/A and MQM-36/A drone targets will be controlled by VC-3 to follow an established flight pattern on all passes. Under positive control of VC-3 at all times and on all runs, the drones will fly to a point $100^{\circ}\text{T}/46$ (1780 μ) miles from the Yuma TACAN and commence a starboard turn and fly a heading of 272°T (4842 μ). At this time the BQM-34/A drones will "reel out" their TDU-22/B tow targets. While on the course of 272°T (4842 μ) the designated battery will attempt to launch a missile at the target. The drones will continue this course of 272°T (4842 μ) until they intercept a point $111^{\circ}\text{T}/21$ (1976 μ) miles from the TACAN, at which time the drones will commence a starboard turn to arrive at the original initial point of $100^{\circ}\text{T}/46$ (1780 μ) miles. Before making this starboard turn all BQM-34/A drones will release their TDU-22/B tow targets.

(6) Range boundaries originate from GEOREF coordinates FC 4637. The left boundary limit is 076° (1353 μ) magnetic and the right boundary limit is 136° magnetic, center range is 106° (1887 μ) magnetic. (The GM angle of 14° has been subtracted from grid readings of 090° and 150° respectively).

(7) The following are special instructions for the TCO when operating with the BQM-34/A drone towing a TDU-22/B target.

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- (a) Lock onto the TDU-22/B with the LOPIR.
 - (b) Lock onto the BQM-34/A drone with the HIPIR.
 - (c) When the TCO and the HIT have determined that the LOPIR is locked onto the TDU-22/B, the TCO will initiate the proper firing sequence of operations.
 - (d) Give "Birds Away" when he hears the explosion (lift off) of the missiles.
- (8) The tentative schedule of when the batteries will fire their missiles is as follows:

<u>DATE/APPROXIMATE TIME</u>	<u>TARGET</u>	<u>BATTERY</u>
190900T	1stBQM-34/A w/two TDU-22/B	B
191000T	2ndBQM-34/A w/two TDU-22/B	A
191300T	1stBQM-34/A w/two TDU-22/B	B
191400T	2ndBQM-34/A w/two TDU-22/B	A
191900T	1stMQM-36/A	A
191945T	2nd MQM-36/A	B
200900T	1stBQM-34/A w/two TDU-22/B	A
201000T	2ndBQM-34/A w/two TDU-22/B	B
201300T	1stBQM-34/A w/two TDU-22/B	A
201400T	2ndBQM-34/A w/two TDU-22/B	B
201900T	1stMQM-36/A	B
201945T	2ndMQM-36/A	A

(9) Should unforeseen circumstances cause significant changes in the firing dates, or if the alternate firing dates of 21 and 22 March are to be used, immediate notification will be given to all concerned.

[Handwritten Signature]
 M. S. JOLLEY
 Lieutenant Colonel USMC
 Commanding

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 - VC-3 2
- A-3

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 081200 March 1968

Annex B (Communications-Electronics) to Operation Order 3-68

- Ref: (a) Maps: El Centro 1:250,000 Sheet No. NI-11-12
 Ajo, 1:250,000 Sheet No. NI-12-10
 Wellton Mesa 1:25,000 Sheet No. 3149 II NE
 Wellton SE 1:25,000 Sheet No. 3149 II NE
 (b) BnO P2000.1 (Comm SOP)

Time Zone: TANGO

1. SITUATION

- a. Enemy Forces. None
 b. Friendly Forces
 (1) Command Posts

5th LAAM Bn	R2301
Battery A	R2301
Battery B	R2301

2. MISSION

Commencing 171200T March 1968 communications elements of this organization install, operate and maintain communications to support the Hawk Missile FIREX.

3. EXECUTION

a. Radio Section

- (1) Provide continuous radio communications for administrative communications between 5th LAAM Bn and MCAS Yuma.
 (2) Establish radio communications with VC-3 and Yuma Proving Grounds as required.
 (3) Provide UHF radio communications to P2-W aircraft in the operating area.

b. Wire Section

- (1) Install and maintain wire lines between 5th LAAM Bn and missile batteries for A/C, AAI and administrative communications.
 (2) Provide internal wire communications for the Battalion CP.

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c. Battery A/B

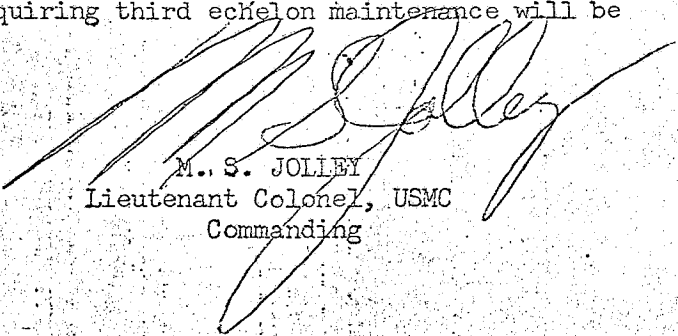
- (1) Provide internal wire communications.
- (2) Provide radio communications for convoy control during movement to and from the field.

d. Coordinating Instructions

- (1) Commence guarding radio nets on order.
- (2) Radio frequency assignments to be issued separately.

4. ADMINISTRATION AND LOGISTICS

Second echelon maintenance for communication equipment will be available at Battalion CP. Equipment requiring third echelon maintenance will be evacuated to MCAS, Yuma.



M. S. JOLLEY
Lieutenant Colonel, USMC
Commanding

APPENDIX:

1. Radio Plan

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- Maintenance Platoon 1
- CO, MCAS Yuma 1
- VC-3 2

TITLE: T
 C-CONTROL
 X-GUARD
 M-MONITOR
 A-IS REQUIRED

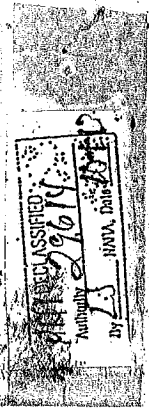
UNIT	NET	In CMD	DRONE CONTROL	LAUNCH A/C	GUARD
LAAM CP		C 171400T	X 190700T	X	A
LAAM (MCAS)		X 160800T			
BTRY A		A 160800- 171400T			
BTRY B		A 161230- 171400T			
VC-3 (Y.G)			C 190700T	C	
VC-3 (R2301)			A		
P-2V			X	X	A

APPENDIX 1 (Radio Plan) to ANNEX B
 (Communications) to Operation Order 3-68

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 12 March 1968

Annex C (Administration and Logistics) to Operation Order 3-68

Ref: (a) Maps: El Centro 1:250,000 sheet no. N1-11-12
 Ajo 1:250,000 sheet no. N1-12-10
 Wellton Mesa 1:25,000 sheet no. 3149 II N.E.
 Wellton S.E. 1:25,000 sheet no. 3149 II S.E.

Time Zone: Tango

1. SUPPLY

a. General

- (1) All classes of supplies required are available in sufficient amounts from normal sources.
- (2) Battalion S-4 will be responsible for procurement, movement, storage, and distribution of all classes of supplies.

b. Supplies and Equipment Available

(1) Class I

(a) "A" rations - 6 days for H&S, Batteries A and B, and supporting personnel.

(b) "C" rations - Battery Commander/Section Heads will draw "C" rations from Battalion Supply prior to 1200, 15 March 1968 for noon and supper meals on 16 March 1968.

(c) Headquarters Commandant will draw "C" rations from Battalion Supply prior to 1200, 15 March 1968 for Mess Section, Headquarters Working Party, and attached personnel.

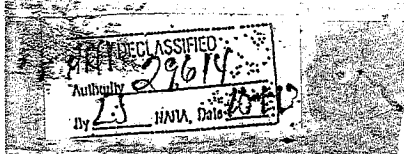
(d) Station mess hall will serve breakfast at 0645, 15 March 1968 at MCAS, Yuma.

(e) Water - 5 gallons per individual per day. Batteries A and B will each carry one M-107 water trailer to be utilized as the battery water supply point. The Mess Section and Motor Transport Section will each carry one M-107 water trailer.

(f) One M-50 water truck will be made available to all unit commanders upon request to the Battalion S-4 Office.

(g) Only water transported by water truck or water trailer will be consumed.

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(2) Class I

(a) T/E items as required to accomplish mission.

(3) Class III

(a) All vehicles will have full fuel tanks prior to motor convoy.

(b) Required lubricants will be drawn from the Battalion Motor Transport Section.

(c) Two M-49 refuelers, one diesel and one gasoline, will be on call through the Battalion S-4 office to unit commanders for refueling requirements.

(4) Class IV - As required.

(5) Class V - Each missile battery will load their allotted missiles at 1300, 15 March 1968 at Station Ordnance. Loaded vehicles will remain at ammunition dump overnight, and be moved to Firex Site at 0800, 16 March 1968.

(6) Medical. See Appendix 1 (Medical)

(7) Maps

(a) Battery Commanders will procure area maps from the Battalion S-2 office.

(b) Convoy route maps. See Tab A to Appendix 2 (Transportation)

c. Control and Distribution

(1) Normal throughout exercise for all classes of supplies.

(2) Location of supply dumps and storage areas as designated by battery commanders and Headquarters Commandant.

d. Resupply

(1) All resupply will be the responsibility of and coordinated through the Battalion S-4 office.

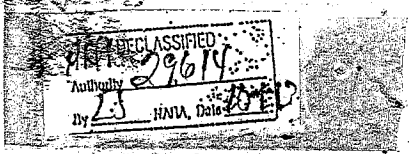
(2) Resupply to unit commanders will be on a call-as-required basis.

(3) "A" rations will be procured from MCAS, Yuma.

(4) Water point will be at MCAS, Yuma.

(5) Resupply of POL will be as required from MCAS, Yuma.

2. EVACUATION AND HOSPITALIZATION. See Appendix 1 (Medical)



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3. TRANSPORTATION. See Appendix 2 (Transportation)

4. SERVICE

a. General. All maintenance of equipment and services will be performed by battalion units except as noted herein.

b. Assignment of responsibilities

(1) Battalion Maintenance Platoon - provide contact team and third echelon maintenance for battalion's surveillance radars and associated equipment as required.

(2) Battalion HAWK Maintenance Section - provide contact team and third and fourth echelon maintenance for all HAWK peculiar equipment as required.

(3) Battalion Engineer Section.

(a) Provide contact team and second and third echelon maintenance of equipment for all battalion engineer equipment as required.

(b) Provide support for improvement of existing emplacements and safety pits as required.

(4) Battalion Motor Transport Section - Provide contact team and second and third echelon maintenance for all battalion Motor Transport equipment as required.

(5) Battalion Supply Section - Provide supplies as required.

c. Billeting. MCAS, Yuma will provide billeting for 3 officers and 16 enlisted on 15 March 1968 for Drone Control Team from VC-3 while deployed.

d. Battery Commanders and the Headquarters Commandant will provide billeting for all personnel in or attached to their command.

e. Support for Firing Demonstration 1900, 19 March 1968.

(1) S-4 office will provide bleachers for guests on 19 March 1968 from Station Recreation Officer MCAS, Yuma.

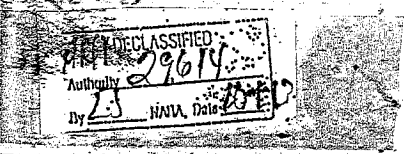
(2) S-4 office will arrange for guest shuttling from parking area to viewing bleachers.

f. Field showers will be procured by the S-4 office from MACS-1. The Headquarters Commandant will establish shower hours.

g. Target drones will be provided by VC-3.

h. One Miller bus will be available to transport troops to Firex Site at 0800 and 1230, 16 March 1968.

5. PERSONNEL - See Appendix 3 (Personnel)



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6. MISCELLANEOUS

a. Rear Echelon. Personnel required to continue essential Battalion Operations and those required to maintain security of government property.

b. Uniform and Equipment. See Appendix 3 (Personnel)

c. Fiscal Instructions.

(1) Commuted Rations for Sgts and below will be terminated for personnel in field for 3 days or longer.

(2) Money collected and ration statements for "C" rations consumed by officers and SNCO's will be turned into Battalion Supply on the first working day after the Firex.

(3) Money collected and ration statements for "A" rations consumed by officers and SNCO's will be turned in to Station Mess Hall within 24 hours after return to MCAS, Yuma.

M. S. JOLLEY

Lieutenant Colonel, U.S. Marine Corps
Commanding

APPENDIXES: :

- 1. Medical
- 2. Transportation
- 3. Personnel

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- CO, MCAS, YUMA 1
- VC-3 2

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Appendix I (Medical) to Annex C (Administration and Logistics) to
 Operation Order 3-68

Time Zone: Tango

1. ORGANIZATION

a. Battalion Medical Officer and one corpsman establish Battalion Aid Station at Battalion Headquarters.

b. One corpsman attached to Batteries A and B each.

2. MISSION - To provide medical support for 5th LAAM Battalion during March 68 Firox.

3. SANITATION

a. Maximum sanitary discipline commensurate with combat conditions will be insured by all unit commanders.

b. Only water from approved water points will be consumed.

c. Prior to each meal, medical personnel will inspect the galley area and messing facilities and report any discrepancies to the Headquarters Commandant.

d. Refuse will be disposed of in designated refuse pits only. Refuse pits will be designated by the Headquarters Commandant.

4. EVACUATION AND HOSPITALIZATION

a. All casualties requiring evacuation will be evacuated to MCAS, Yuma by the most expeditious means.

b. The dispensary located at MCAS, Yuma will serve as an emergency medical facility.

c. An ambulance will be attached throughout the exercise and located at the Battalion Aid Station. Emergency helicopter evacuation will be available through MCAS, Yuma.

d. Emergency evacuation requests will be transmitted by field communications to 5th LAAM Battalion Officer of the Day who will notify Station Search and Rescue, Ext. #2176.

5. MEDICAL SUPPLIES

a. Corpsmen will carry Unit 1 bags.

b. Additional supplies will be maintained at the Battalion Aid Station.

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6. MEDICAL ADMINISTRATION

a. All evacuation and casualty reports will be forwarded to the Battalion Commander through the Battalion S-4 Office.

M. S. Jolley

M. S. JOLLEY
Lieutenant Colonel, U.S. Marine Corps
Commanding

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Appendix 2 (Transportation) to Annex C (Administration and Logistics) to Operation Order 3-68.

Ref: (a) WgO P11240.6, SOP Motor Transportation

Time Zone: Tango

1. SITUATION

- a. Enemy Forces. None
- b. Friendly Forces. See Operation Order 3-68
- c. Attachments and Detachments.

- (1) One M-50 Water Truck attached.
- (2) Two flat bed semi-trailers attached.

(3) Battalion Motor Transport - M-38's, M-37's and M-107's will be attached as follows:

(a) M-37, 1 ea. to Batteries A and B, HAWK Maintenance, S-3, Communications. (own driver).

(b) M-38(w/trailers), 1 ea. to Executive Officer, Camp Commandant, Communications (own driver) S-4, S-3, HAWK Maintenance.

(c) M-107, 1 ea. to Batteries A and B, Motor Transport and Mess Section.

2. MISSION - To provide ground transportation for 5th LAAM Bn in support of Firex Operation 3-68.

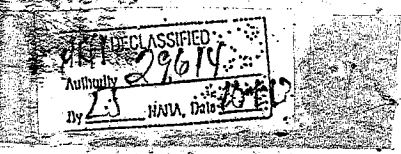
3. EXECUTION

a. Concept of Operation. All supplies, equipment and personnel will be transported to the Firex Site by Motor Convoy. Battalion Motor Transport will provide M-36's listed below for all convoys. Batteries/Sections will provide organic and attached vehicles as required.

(1) Convoy I will be formed and depart MCAS, Yuma for Firex Site (area 2301) at 0800, 16 March 1968 and will include:

- (a) 17 M-36 trucks for Battery A
- (b) 2 M-36 trucks for Battery B
- (c) 2 M-36 trucks (w/side rails) for Mess Section

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- (d) 1 M-36 truck for HAWK Maintenance Section
 - (e) 1 M-36 truck (covered) for Headquarters Commandant.
 - (f) Command and Communications vehicles as determined by Convoy Commander.
 - (g) 1 M-170 Ambulance.
- (2) Convoy II will be formed with the first 15 available M-36's from Convoy I and will return to MCAS, Yuma.
- (3) Convoy III will be formed from Convoy II by Battery B and will depart MCAS, Yuma at approximately 1230, 16 March 1968.
- (4) Convoy IV will be formed with the next available 8 vehicles from Convoy I and will return to MCAS, Yuma.
- (5) Convoy V will be formed from Convoy IV and will depart MCAS, Yuma at approximately 1330, 16 March 1968 and will include:
- (a) 5 M-36 trucks for HAWK Maintenance Section
 - (b) 2 M-36 trucks for Motor Transport Section
 - (c) 1 M-36 (w/side rails) for Mess Section
- (6) Convoy VI will be formed with all Motor Transport vehicles and will return to MCAS, Yuma after above convoys have been offloaded.
- (7) Convoy VII will be formed and depart MCAS, Yuma at 1000, 17 March 1968 and will include:
- (a) 4 M-36 trucks for Battalion S-3 Section
 - (b) 1 M-36 truck for Communications Section
- (8) Convoy Commanders. Will be designated as follows:
- (a) For Convoys I, II and IV by Battery A Commander.
 - (b) For Convoy III by Battery B Commander.
 - (c) Convoy V by Battalion Maintenance Officer.
 - (d) For Convoy VI by Battalion Motor Transport Officer.
 - (e) For Convoy VII by Battalion S-3 Officer.
- (9) One flatbed from Station Motor Transport and one from MACS-1 will be picked up at 0900, 19 March 1968 for delivery of bleachers to Firex Site.

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b. COORDINATING INSTRUCTIONS

(1) The Battalion S-4 office will coordinate all vehicle movement during Firex Operation 3-68.

(2) Convoy Route. See Tab A.

(3) A vehicle control point will be established by the Battalion Motor Transport Officer. All vehicles moving into or out of Firex Site will report to the dispatcher at the Control Point.

(4) Guests for the missile shoot at 1900 on 19 March 1968 will use personal vehicles for transportation to Firex Site. Guest will park in the designated parking area adjacent to the vehicle control point and a shuttle vehicle will be provided to transport guests to the viewing bleachers.

(5) Transportation will be available nitely for A.W.C students. Personnel requiring transportation will muster at 1700 at the Visitor Control Point.

(6) One Miller bus will be available to transport troops to Firex Site at 0800 and 1230, 16 March 1968.

4. ADMINISTRATION AND LOGISTICS. See Annex C (Administration and Logistics) to Operation Order 3-68.

5. CONVOY CONTROL

a. Convoy procedures will be in accordance with reference (a) and as delineated herein.

b. Control of convoys while on the road will be by MRC-83 radios or AN/PRC-25 radios.

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Lieutenant Colonel, U.S. Marine Corps
Commanding

TAB: A-Convoy Route

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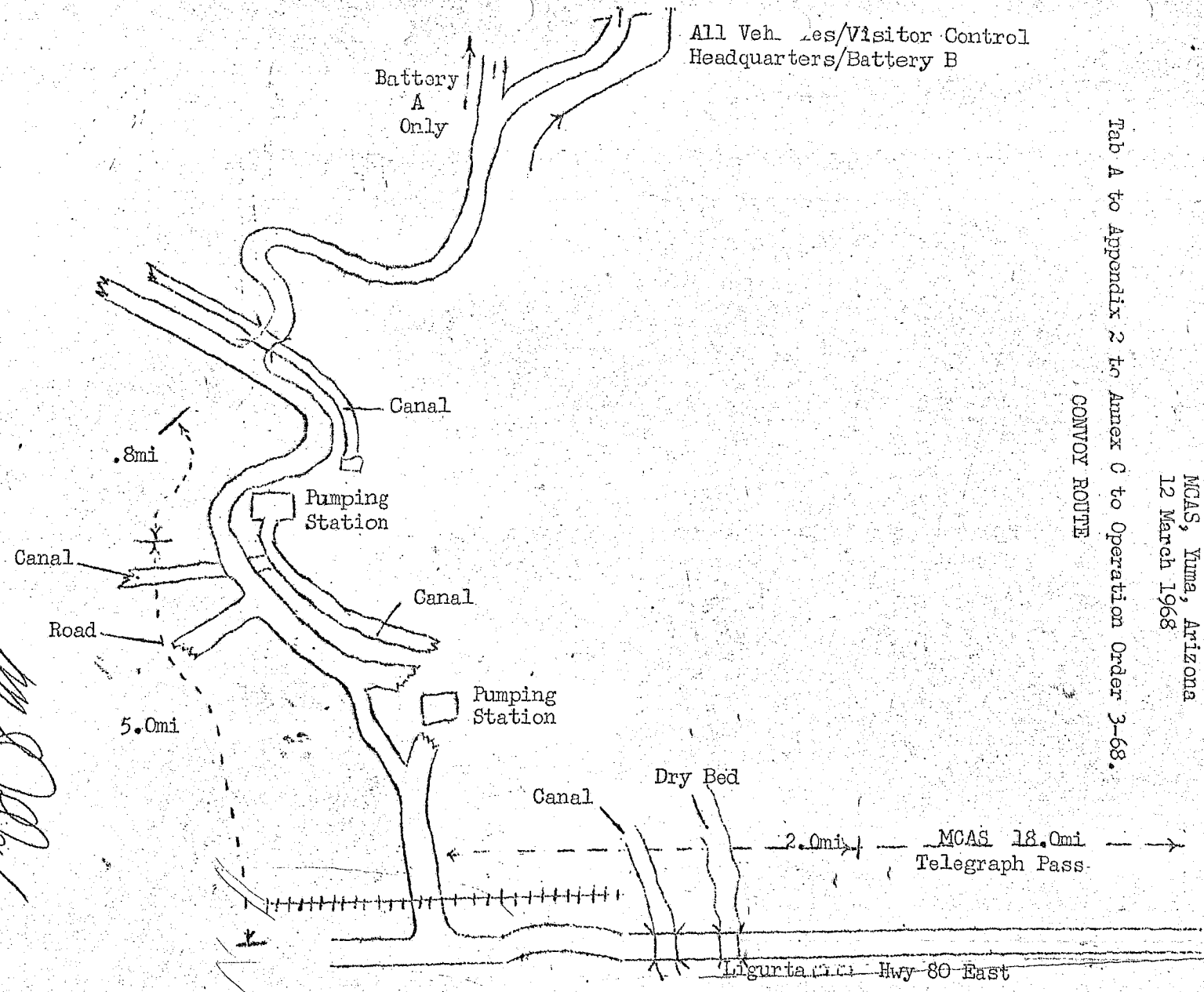
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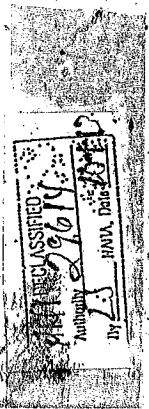
Tab A to Appendix 2 to Annex C to Operation Order 3-68.

CONVOY ROUTE



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Appendix 3 (Personnel) to Annex C (Administration and Logistics) to
 Operation Order 3-68

Ref: (a) MCO P5000.3, (Marine Corps Personnel Manual)
 (b) WGO P5000.1, (SOP for Personnel Administration Procedures)

Time Zone: Tango

1. STRENGTHS

a. All effective 5th LAAM Battalion Personnel will participate.

2. REPLACEMENTS - None

3. MORALE AND PERSONNEL SERVICES

a. Leave and Liberty - Emergency leave only during the exercise.

b. Information - Queries from news media or other sources concerning
 the Firex will be referred to this Headquarters for disposition.

c. Mail - Will be delivered by 1600 daily to Batteries and Sections
 by the Battalion Mail Orderly.

4. UNIFORM AND EQUIPMENT.

a. Utility uniform.

b. Equipment:

- (1) Cartridge belt and jungle kit
- (2) (1) canteen w/cup and cover
- (3) Mountain bag w/cover and mattress
- (4) Cot
- (5) Helmet w/liner
- (6) Knife, fork, spoon
- (7) Pan, mess kit, w/cover

5. PERSONNEL PROCEDURES

a. Will be in accordance with reference (a) and (b).

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b. Prior to the exercise, Unit Commanders will check identification cards and tags for currency/accuracy.

c. Service records, health records, dental records and pay records will remain in the rear.

d. Casualty/injury reports will be in accordance of reference (a) and will be submitted to this Headquarters.

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Lieutenant Colonel, U.S. Marine Corps
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ANNEX D (Firing Sequence) to Operation Order 3-68

- Ref: (a) Maps: El Centro 1:250,000 Sheet No. NI-11-12
 Ajo, 1:250,000 Sheet No. NI-12-10
 Wellton Mesa 1:25,000 Sheet No. 3149 11 NE
 Wellton SE 1:25,000 Sheet No. 3149 11 NE

Time Zone: TANGO

1. MISSION

The 5th LAAMBn will conduct a quarterly HAWK Missile FIREX 18-22 March 1968, from a position in the vicinity of Wellton, Arizona.

2. SEQUENCE

The sequence of events and their related commands appear below. Batteries will use the low power illuminator to track the target against the target. The high power illuminator will be used to track the BQM-34/A. When firing old missiles against any target it is preferable to employ low power illuminators because it is believed that the RF energy emitted by the high power illuminator tends to overload missile electronics. For clarity and to eliminate confusion the high power illuminator will be in the A section and emplaced south of the low power (B) illuminator. The order in which the following events occur may vary depending on the situation.

a. Drone Mother-plane on Station

- SMD - Any suitable transmission.
- TCO - "A/B Roger."

b. Drone Launch

- SMD - "Drone launch!" This is an advisory transmission to increase alertness of BCC crews.
- TCO - "A/B Roger."

c. Detection. Follows procedure established in the Operations SOP. The BQM-34/A will be assigned a track number and classified as unidentified. The TDU will be assigned a different number and will be declared hostile.

(1) AAOC acquired

- SMD - "Initial contact at (GEOREF), designate PAPA-01, evaluated as tractor and handled as unidentified aircraft."
- TCO - "A/B Roger."

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SMD - "Initial contact at (GEOREF), designate PAPA-02, evaluated as target and handled as hostile."
 TCO - "A/B Roger."
 TCO - "This is A/B, acquired PAPA-01 and/or PAPA-02."
 SMD - "Roger."

(2) Battery acquired. Handled in generally the same manner employing the same terminology where appropriate. As soon as the AAOC acquires the targets they will be redesignated.

d. Identification

e. Evaluation

f. Engagement

(1) All Pré Firing Steps Complete

SMD - "The range is hot."
 TCO - "A/B Roger" (Thereafter launchers are activated and reference lock obtained at the TCO's discretion).

(2) Nearly all conditions indicate that the run will be a firing run

SMD - "Engage PAPA-02, Hold Fire"
 TCO - "Engage PAPA-02, Hold Fire wilco"
 SMD - (to non-firing battery) Cease tracking elevate illuminators, launchers off. 1500

(3) As soon as the TCO activates his launcher he checks with Telly, to ascertain that telemetry indicates that the missile is OK.

TCO
 SMD - (to Telly) "Request Missile evaluation"
 Telly - "This is Telly - the missile sounds OK".

(4) Target is inbound and illuminator locks on.

TCO - "On Target PAPA-02"
 SMD - "Roger"

(5) As soon as the event recorder operator evaluates lock he reports automatically to TCO.

Recorder - "A on tractor, B on target".

(6) As soon as range conditions permit, SMD authorizes engagement to proceed.

SMD - "Resume Fire on PAPA-02"
 TCO - "Resume Fire PAPA-02, Wilco"

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(7) When "FIRE" indication is received and all other indications are "GO". The TCO causes his high power illuminator antenna to be elevated then directs that the missile be fired.

TCO - Handy Billy, this is A/B, Countdown to fire: 5, 4, 3, 2, 1, Fire-Out.

3. DESTRUCT. If missile behavior or the close proximity of an intruder aircraft indicates the need to do so, missiles in flight will be destroyed.

a. Authority to Order Destruct. The only persons who may order that missiles be destroyed are the Range Safety Officer, the Senior Missile Director, or the Tactical Control Officer.

b. Authority to Recommend Destruct. The Pit Safety Officer for the firing missile battery has primary responsibility for recommending destruct. However, the other Pit Safety Officer, the Visual Safety Officer, or the non-firing TCO may recommend destruct. It is essential that any officer so recommending clearly identify himself and automatically explain the reason why it is advisable to destruct. All recommendations will be directed to the firing battery TCO. The Range Safety Officer's decision is over-riding.

c. Action Required. When destruct is ordered all destruct buttons in all batteries will be depressed and held down for at least 30 seconds.

M. S. JOLLEY
Lieutenant Colonel USMC
Commanding

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OPERATION ORDER 4-68

Ref: (a) Map: USAF Operational Navigation Chart, 1:1,000,000 Sheet No. ONC G-18
 (b) COMFIRSTFLT OpOrder 301A-68 (C)

Time Zone: TANGO

Task Organization:

5th LAAM Bn	Lt Col JOLLEY
H&S Battery	Capt MALONE
Battery B	Capt HARTKOPF

1. SITUATION

- a. Enemy Forces. Constructive.
- b. Friendly Forces. Constructive
- c. Attachments and Detachments. Elements of H&S Battery will be attached to Battery B for the period of 26 April 1968 through 1 May 1968.

2. MISSION

Battery B will conduct aggressor Surface to Air Missile tactics in accordance with reference (b) during the period 27-30 April 1968, from positions in the Niland, California/Chocolate Mountain area.

3. EXECUTION

a. Concept of Operation:

- (1) On or about 26 April 1968, Battery-B will March Order to ED 2919 and prepare for operations to be conducted in accordance with reference (b).
- (2) Defensive tactics will be employed during the exercise by battery displacement and/or use of AFU.
- (3) While in position, tracking drills and simulated firing will be conducted against exercise aircraft.
- (4) Simulated missile firing will be announced to exercise aircraft via UHF Communications as prescribed by reference (b).

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ANNEX A (Concept of Logistic Support) to Operation Order 3-68

Ref: (a) Map: USAF Operational Navigation Chart, 1:1,000,000 sheet no. ONC G-18

Time Zone: TANGO

1. MISSION AND CONCEPT OF OPERATION.
2. SUMMARY STATEMENT OF LOGISTIC SUPPORT.

Operating and safety levels of supply will be maintained by Battery B. The Battery Commander will control all assigned vehicles and secure additional class I and III supplies as needed. The 5th LAAM Bn (-) located at MCAS Yuma will be prepared to provide additional requirements as needed.

3. REQUIREMENTS.

a. Supply.

(1) Personnel to be supported:

Battery B (with drivers)	88
S-3	4
Mess Hall	7
Corpsman	<u>1</u>
TOTAL	100

(2) Class I:

(a) Meals - "A" Rations; except for box lunch (noon, 26 April) and "C" Rations (breakfast, 1 May).

(b) Water - 5 gallons per individual per day.

(c) Ice - as required.

(3) Class II: As required to accomplish the mission.

(4) Class III: Five (5) days.

(5) Uniform: as prescribed by Battery Commander.

b. Transportation.

(1) Line hauls:

26 April: approx. 80 miles
 1 May: approx. 80 miles

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(2) Transportation means:

M-36	2 1/2 T	Trk	15
M-37	3/4 T	Trk	2
M-38AT	1/2 T	Trk	3
M-543	5T	Wrecker	1
M-83	Radio	Trk	4
M-49A2	Tanker		1

c. Service.

(1) Maintenance of equipment:

- (a) First and second echelon maintenance will be performed by the Battery.
- (b) Third and fourth echelon maintenance will be provided by a contact team located at 5th LAAM Bn (-), MCAS, Yuma, Arizona, if required.

(2) Service units and installations required:

- (a) 5th LAAM Bn (-) MCAS, Yuma, for class III refueling, water and ice.
- (b) 5th LAAM Bn (-) MCAS, Yuma, for third and fourth echelon maintenance and supplies.
- (c) MCAS, Yuma, for emergency helicopter evacuation.

d. Evacuation and Hospitalization.

- (1) Anticipate no casualties.
- (2) Corpsman will be attached to Battery B.
- (3) The dispensary located aboard MCAS, Yuma, will serve as an emergency medical facility.
- (4) Emergency Helicopter evacuation will be requested by field communication to 5th LAAM Bn Officer of the Day who will notify Station Search and Rescue (Ext. 2176).

4. PROVISION OF LOGISTIC SUPPORT.

- a. Supply. Class I and III supplies will be maintained by the using unit in the objective area. Replenishment of these supplies will be drawn as required from MCAS, Yuma.
- b. Transportation. Transportation will be provided by 5th LAAM Bn Motor Transport.

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- c. Services. First and second echelon maintenance is inherent within the Battery organization. Third and fourth echelon maintenance will be performed at the objective area by a contact team on 24 hour call from MCAS, Yuma.

M. S. JOLLEY
Lieutenant Colonel, U.S. Marine Corps
Commanding

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071000 June 68

Operation Order 5-68

Ref: (a) Maps: EL Centro 1:250,000 Sheet No. N1-11-12
Ajo 1:250,000 Sheet No. N1-12-10

(b) Bn Order 3600.1 (FIREX SOP)

Time Zone: TANGO

Task Organization:

5th LAAM Bn

LtCol JOLLEY

H & S Battery

Capt BAGLEY

Battery A

Capt JACOBSON

Battery B

Capt HARTKOPF

1. SITUATION

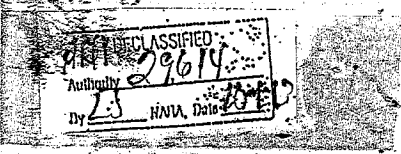
a. Enemy Forces -- None

b. Friendly Forces

- (1) CG, Third Marine Aircraft Wing provides the authority to conduct a HAWK Missile FIREX in R-2301 near Yuma, Arizona.
- (2) MCAS Yuma authorizes clearance into Restricted Area R-2301 (west) for period 140600 June 1968 to 212400 June 1968.
- (3) Headquarters Marine Corps will provide the necessary telemetry support (HAWK IMPROVEMENT TEAM).
- (4) Fleet Composite Squadron 3 (VC-3) will provide the primary targets, target control and support personnel and equipment. Target control will be from Laguna Airfield, Yuma Proving Ground.
- (5) Fleet Composite Squadron 7 (VC-7) will provide target tracking drills and alternate targets.
- (6) MCAS Yuma will provide necessary helicopter recovery support.

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2. MISSION

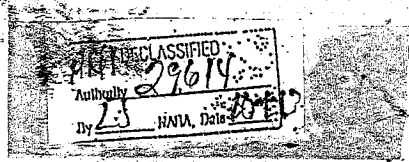
The Fifth Light Antiaircraft Missile Battalion (5th LAAM Bn) will conduct a Fourth Quarter FY 68 HAWK Missile FIREX during the period 17 - 21 June 1968, from a position in R-2301 southeast of Tacna, Arizona.

3. EXECUTION

- a. Concept of Operation.— Annex A (Concept of Operations).
- b. H&S Battery.— Provide operational control of the FIREX and logistic, communications and administrative support as required.
- c. Battery A.— Emplace and commence operations on order.
- d. Battery B.— Emplace and commence operations on order.
- e. Coordinating Instructions
 - (1) Missile battery commanders/convoy commanders will notify the Battalion Commander upon departure from MCAS, Yuma; arrival at site; departure from site; and arrival at MCAS, Yuma.
 - (2) Primary operational control will be by AN/TSC-57. Alternate control will be by manual system.
 - (3) The Senior Missile Director (SMD) will coordinate missile arming and disarming from the AOC.
 - (4) Any possible malfunctions will be handled in accordance with reference (b).
 - (5) All units will orient to Magnetic North. (Variation is 14° E). All azimuths will be magnetic unless otherwise designated.
 - (6) All applicable safety precautions will be strictly adhered to.
 - (7) Reports required -- in accordance with reference (b).

4. ADMINISTRATION AND LOGISTICS

- 1a. Annex C (Administration & Logistics).
- b. Batteries/Sections will maintain close coordination with S-4 throughout the planning and execution phases of the FIREX for logistics support.



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Annex A (Concept of Operation) to Operation Order 5-68

Ref: (a) Maps: El Centro 1:250,000 Sheet No. NL-11-12
 Ajo 1:250,000 Sheet No. N1-12-10
 (b) Bn Order 3600.1 (FIREX SOP)
 Time Zone: TANGO

1. MISSION

5th LAAM Bn will conduct a quarterly HAWK Missile FIREX near Tacna, Arizona, during the period 17-21 June 1968.

2. CONCEPT

a. General

- (1) On or about 15 June 1968, 5th LAAM Bn will displace by motor convey to coordinates GC 0640, emplace and perform required checks in preparation for the FIREX.
- (2) Tracking drills will be conducted at 0900 and 1100, 17 June 1968. F4 aircraft towing TDU-22B targets will be utilized.
- (3) Missile firings will be conducted at 0900 and 1400, 18 June 1968, with alternate times of 0900 and 1400, 19, 20 and 21 June 1968.
- (4) Each battery will fire a total of two missiles, one practice and one tactical warhead. Firing procedure will be in accordance with reference (b).
- (5) Fleet Composite Squadron Three (VC-3) will provide P2-V aircraft and BQM-34A drones with TDU-22B targets and control for the drones.
- (6) Fleet Composite Squadron Seven (VC-7) will provide F4 aircraft with TDU-22B targets. Control will be from the battalion AAOC.

b. Firing Range

- (1) Battalion position-- GC 0640 (074°/36 NM from MCAS Yuma TACAN)
- (2) No Fire Zone-- circular area of 9KM radius around the battalion position in which no targets will be fired upon.
- (3) Towed Target Track-- Track of 311° (5536 mils) along line between a point 141°/29 NM from battalion position (104°/54 NM from MCAS Yuma TACAN) and a point 222°/5 NM from battalion position (078°/32 NM from MCAS Yuma TACAN) tangent to the No Fire Zone. A Port racetrack pattern or figure 8 pattern will be used.

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- (4) Head-on target track--Reciprocal of 177° (3150 mils) radial from battalion position.
- (5) Firing Fan Limits-- Firing will be in a southerly direction. Left Limit is the 134° radial from the battalion position to the intersection with the boundary between R-2301 (east) and (west). The right limit is the 213° radial from the battalion position to the western boundary of the Surface to Air Missile Range (R-2301 west).

c. Target Schedule

- (1) (Primary)
 - 180900 June P2-V aircraft carrying two BQM-34A's with one
 - 181400 TDU-22B each. Each BQM will make two inbound
 - 190900 runs.
 - 191400
- (2) (Alternate)
 - 200900 June F4 aircraft towing one TDU-22B. Aircraft will
 - 201400 make as many inbound runs as fuel and target
 - 210900 availability permit.
 - 211400
- (3) Once four missile have been fired, the remaining targets will be cancelled.

d. Firing Sequence

- (1) Battery firing sequence will be promulgated by the SMD immediately prior to target launch.
- (2) Normally batteries will alternate until each have fired two missiles.

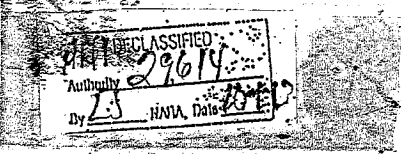
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Annex B (Communications-Electronics) to Operation Order 5-68

- Ref: (a) Maps: El Centro 1:250,000 Sheet No. M1-11-12
 Ajo 1:250,000 Sheet No. M1-12-10
 (b) Bn Order 3600.1 (FIREX SOP)
 (c) Bn Order P2000.1 (Communications SOP)

Time Zone: TANGO

1. SITUATION

a. Enemy Forces. -- None

b. Friendly Forces

(1) Command Posts

- | | |
|-------------|---------|
| 5th LAAM Bn | GC 0640 |
| Battery A | GC 0640 |
| Battery B | GC 0640 |

2. MISSION

Commencing on or about 15 June 1968, communications elements of this unit install, operate and maintain communications to support the 4th Quarter FY 68 HAWK Missile FIREX.

3. EXECUTION

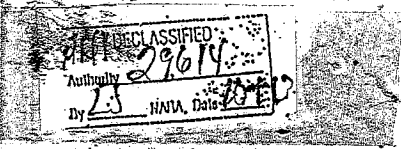
a. Radio Section

- (1) Provide continuous radio communications for administrative traffic between 5th LAAM Bn and MCAS Yuma with the capability of entering the dial system at MCAS.
- (2) Establish communications with VC-3 (Drone control at Yuma Proving Ground) as required.
- (3) Establish communications with aircraft in the operating area as required.

b. Wire Section

- (1) Provide internal wire communications for the Battalion CP.

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(2) Install one trunk line to Batteries A and B.

(3) Provide wire lines to support manual and automatic fire distribution systems.

c. Radio Relay.-- Provide eight channel Radio Relay link between the Battalion Operations Central and Batteries A, and B.

d. Battery A/B

(1) Install internal wire communications.

(2) Provide wire support for attached radio relay.

(3) Provide radio communications for convoy control.

e. Coordinating Instructions

(1) Wire Diagram (Appendix 1)

(2) Radio Plan (Appendix 2)

(3) Radio frequency assignments to be issued separately.

4. ADMINISTRATION AND LOGISTICS. Limited third echelon maintenance will be available at Battalion CP.

BY COMMAND OF LIEUTENANT COLONEL M. S. JOLLEY

A. C. GETZ
Major U.S. Marine Corps
Executive Officer

APPENDIXES:

- 1 - Wire Diagram
- 2 - Radio Plan

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- Fleet Liaison 1
- VC-3 2
- VC-7 1

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 By: [Signature] NAVA, Date: 2012

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 071000 June 68

Appendix 2 (Radio Plan) to Annex B (Communications-Electronics) to
 Operation Order 5-68

Ref: (a) Bn Order P2000.1 (Communications SOP)

Time Zone: TANGO

UNIT	<u>NET</u>		
	Bn Cmd	Launch/Tow a/c	Guard
5th LAAM CP	C	X	A
5th LAAM (MCAS)	X		
Btry A	A		
Btry B	A		
Laguna Drone Control		C	A
Aircraft		X	A

C - Control
 X - Guard
 A - As required

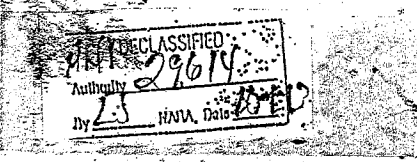
BY COMMAND OF LIEUTENANT COLONEL M. S. JOLLEY

[Signature]
 A. C. GETZ
 Major U.S. Marine Corps
 Executive Officer

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 VC-7 1

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 071000 June 68

Annex C (Administration and Logistics) to Operation Order 5-68

Ref: (a) Maps: El Centro 1:250,000 Sheet No. NI-11-12
 Ajo 1:250,000 Sheet No. NI-12-10
 (b) Bn Order 4400.1 (Logistics Services and Requirements)

Time Zone: TANGO

1. SUPPLY

a. General

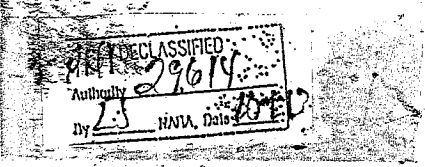
- (1) All classes of supplies required are available in sufficient amounts from normal sources.
- (2) Battalion S-4 will be responsible for procurement, movement, storage and distribution of all classes of supplies.

b. Supplies and Equipment Available

(1) Class I

- (a) "A" rations - 6 days for H&S Battery, Batteries A and B, and supporting personnel.
- (b) "C" rations - Battery B Commanding Officer will draw meals for Battery B personnel and attached personnel. Camp Commandant will draw for remaining H&S personnel. These rations will be drawn from Battalion Supply prior to 1100, 14 June 1968, for the noon meal on 15 June 1968.
- (c) Camp Commandant will draw an extra 40 cases of "C" rations for backup.
- (d) Water -- 5 gallons per individual per day. Batteries A and B will carry one M-107 water trailer to be utilized as the battery water supply point. Motor Transport Section will carry one M-107 water trailer and the Mess Section will carry two M-107's.
- (e) One M-50 water truck will be made available by the Battalion S-4 to all unit commanders upon request for water replenishment.
- (f) Only water transported by water truck or water trailer will be consumed.

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(2) Class II

(a) T/E items as required to accomplish mission.

(3) Class III

(a) All vehicles will have full fuel tanks prior to motor convoy.

(b) Required lubricants will be drawn from the Battalion Motor Transport Section.

(c) Two M-49 refuelers, one diesel and one gasoline, will be on call through the Battalion S-4 to unit commanders for refueling requirements.

(4) Class IV -- As required

(5) Class V -- Batteries A and B will load their allotted missiles at 1000 14 June 1968 at Station Ordnance. Loaded vehicles will remain at ammo dump overnight and will be moved to the FIREX Site at 0930 15 June 1968.

(6) Medical -- Appendix 1 (Medical).

(7) Maps

(a) Battery commanders will procure area maps from the Battalion S-2.

(b) Convoy route maps -- Tab A to Appendix 2 (Transportation).

c. Control and Distribution

(1) Normal throughout exercise for all classes of supplies.

(2) Location of supply dumps and storage areas as designated by battery commanders and Camp Commandant.

d. Resupply

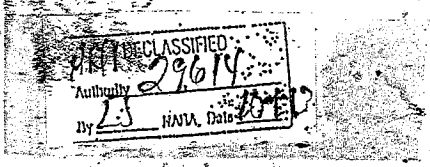
(1) All resupply will be the responsibility of and coordinated through the Battalion S-4.

(2) Resupply to unit commanders will be on a call-as-required basis.

(3) M&A rations will be procured from MCAS, Yuma.

(4) Water point will be at Tacna, Arizona.

(5) Resupply of POL will be as required from MCAS, Yuma.



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2. EVACUATION AND HOSPITALIZATION.--Appendix 1 (Medical).
3. TRANSPORTATION.--Appendix 2 (Transportation).
4. SERVICE
 - a. General.--All maintenance of equipment and services will be performed by battalion units except noted herein.
 - b. Assignment of Responsibilities
 - (1) Battalion Maintenance Platoon.--provide contact team and third echelon maintenance for battalion surveillance radars and associated equipment as required.
 - (2) Battalion HAWK Maintenance Section.--provide contact team and third and fourth echelon maintenance for all HAWK peculiar equipment as required.
 - (3) Battalion Engineer Section
 - (a) Provide contact team and second and third echelon maintenance of equipment for all battalion engineer equipment as required.
 - (b) Provide support for improvement of existing emplacements and safety pits as required.
 - (4) Battalion Motor Transport Section
 - (a) Provide contact team and second and third echelon maintenance for all battalion motor transport equipment as required.
 - (b) Provide jeep and driver on a 24 hour basis for repair parts.
 - (5) Battalion Supply Section.--Provide supplies as required.
 - c. Billeting--Battery commanders and Camp Commandant will provide billeting for all personnel in or attached to their command.
 - d. Field Showers will be procured by the Battalion S-4. The Camp Commandant will establish shower hours.
5. PERSONNEL.--Appendix 3 (Personnel).
6. MISCELLANEOUS
 - a. Rear Echelon.--Personnel required to continue essential battalion functions and those required to maintain security of government property.



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b. Uniform and Equipment.--Appendix 3 (Personnel)

c. Fiscal Instructions

(1) Commuted rations for sergeants and below will be terminated for personnel in the field for 3 days or longer.

(2) Money collected and ration statements for "C" rations consumed by officers and SNCO's will be turned into Battalion Supply on the first working day after the FIREX.

(3) Money collected and ration statements for "A" rations consumed by officers and SNCO's will be turned in to Station Mess Hall within 24 hours after return to MCAS, Yuma.

BY COMMAND OF LIEUTENANT COLONEL M. S. JOLLEY

A. C. Getz
A. C. GETZ
Major U. S. Marine Corps
Executive Officer

APPENDIXES:

- 1 - Medical
- 2 - Transportation
- 3 - Personnel

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- Fleet Liaison 1
- VC-3 2
- VC-7 1



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Appendix 1 (Medical) to Annex C (Administration and Logistics) to Operation Order 5-68

Ref: (a) Bn Order 4400.1 (Logistics Services and Requirements)

Time Zone: TANGO

1. ORGANIZATION

- a. Battalion Medical Officer and one corpsman establish a Battalion Aid Station at Battalion Headquarters.
- b. One corpsman attached to Batteries A and B each.

2. MISSION

To provide medical support for 5th LAAM Battalion during FIREX.

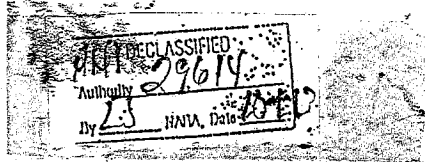
3. SANITATION

- a. Maximum sanitary discipline commensurate with combat conditions will be insured by all unit commanders.
- b. Only water from approved water points will be consumed.
- c. Prior to each meal, medical personnel will inspect the galley area and messing facilities and report any discrepancies to the Camp Commandant.

4. EVACUATION AND HOSPITALIZATION

- a. All casualties requiring evacuation will be evacuated to MCAS, Yuma by the most expeditious means.
- b. The Dispensary located at MCAS, Yuma will serve as an emergency medical facility.
- c. An ambulance will be attached throughout the exercise and located at the Battalion Aid Station. Emergency helicopter evacuation will be available through MCAS, Yuma.
- d. Emergency evacuation requests will be transmitted by field communications to 5th LAAM Battalion Officer of the Day, who will notify Station Search and Rescue, Ext. 2176.

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5. MEDICAL SUPPLIES

- a. Corpsmen will carry Unit 1 bags.
- b. Additional supplies will be maintained at Battalion Aid Station.

6. MEDICAL ADMINISTRATION

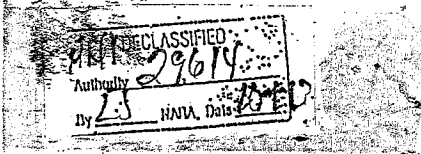
- a. All evacuation and casualty reports will be forwarded to the Battalion Commander through the Battalion S-4.

BY COMMAND OF LIEUTENANT COLONEL M. S. JOLLEY


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Appendix 2 (Transportation) to Annex C (Administration and Logistics)
 to Operation Order 5-68

Ref: (a) WgO P11240.6, (SOP Motor Transportation)

Time Zone: TANGO

1. SITUATION

- a. Enemy Forces.--None
- b. Friendly Forces.--Operation Order 5-68
- c. Attachments and Detachments
 - (1) One M-50 water truck attached.
 - (2) Ten M-35 trucks attached.
 - (3) Two semi-trailers (high-bed) attached.
 - (4) Battalion Motor Transport - M-38's, M-37's and M-107's will be attached as follows:
 - (a) M-37, 1 each to Batteries A and B, 2 to HAWK Maintenance, 1 each to S-3 and Communications (Motor Transport Drivers).
 - (b) M-38 (w/trailers), 1 each to Executive Officer, Camp Commandant, Communications, S-4, S-3, HAWK Maintenance.
 - (c) M-107, 1 each to Batteries A and B, Motor Transport and 2 to Mess Section.

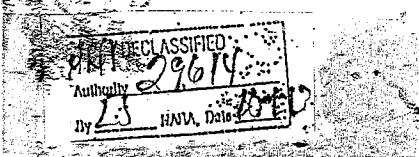
2. MISSION

To provide ground transportation for 5th LAAM Battalion in support of FIREX.

3. EXECUTION

- a. Concept of Operation.--All supplies, equipment and personnel will be transported to the FIREX site by motor convoy. Battalion Motor Transport will provide 6x6's listed below for convoys. Batteries/sections will provide organic and attached vehicles as required.

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- (1) Convoy I will be formed by Battery B and depart MCAS, Yuma for the FIREX site at 0930, 15 June 1968 and will include:
 - (a) 18 - 6x6's for Battery B
 - (b) 4 - 6x6's for Battery A
 - (c) 7 - 6x6's for HAWK Maintenance
 - (d) 2 - Semi-trailers (highbed) for HAWK Maintenance
 - (e) 3 - 6x6's (w/side rails) for Mess Section
 - (f) 1 - 6x6 (covered) for Camp Commandant
 - (g) 2 - 6x6's for H&S Supply
 - (h) 1 - M-170 ambulance
 - (i) Command and Communications vehicles as determined by convoy commander.
 - (j) Convoy I will be broken into three equal serials, and depart MCAS, Yuma at 15 minute intervals.
- (2) Convoy II will be formed with the first 23 available 6x6's from Convoy I and will return to MCAS, Yuma.
- (3) Convoy III will be formed from Convoy II by Battery A and will depart MCAS, Yuma at approximately 0600, 16 June 1968 and will include:
 - (a) 14 - 6x6's for Battery A
- (4) Convoy IV will be formed from Convoy II and remaining Motor Transport vehicles by the S-3 section and will depart MCAS, Yuma at approximately 0930, 16 June 1968 and will include:
 - (a) 6 - 6x6's for S-3
 - (b) 1 - 6x6 for Communications
 - (c) 2 - 6x6's for Motor Transport Section
- (5) Convoy commanders will be designated as follows:
 - (a) Convoy I, Battery B Commander
 - (b) Convoy II, Battalion Motor Transport Officer
 - (c) Convoy III, Battery A Commander



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- (d) For Convoy IV, Battalion S-3 Officer
- (e) All convoy commanders will be briefed by Motor Transport Officer prior to departing for FIREX site.

b. Coordinating Instructions

- (1) The Battalion S-4 will coordinate all vehicle movement during the FIREX.
- (2) Convoy route.--Tab A.
- (3) A vehicle control point will be established by Battalion Motor Transport. All vehicles moving into or out of the FIREX site will report to the dispatcher at the control point. Vehicles will not move out of the site without consent of the S-4.
- (4) Transportation will be available nightly for A.W.C. students. Personnel requiring transportation will muster at 1615 at control point.

4. ADMINISTRATION AND LOGISTICS.--Annex C (Administration and Logistics) to Operation Order 5-68.

5. CONVOY CONTROL

- a. Convoy procedures will be in accordance with reference (a) and as delineated herein.
- b. Control of convoys while on the road will be by MRC-83 radios or AN/PRC-25 radios.

BY COMMAND OF LIEUTENANT COLONEL M. S. JOLLEY

A. C. GETZ
Major U.S. Marine Corps
Executive Officer

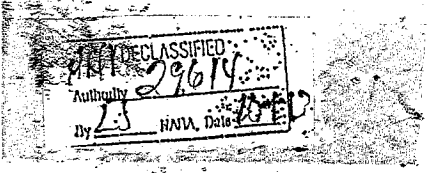
TAB:

A - Convoy Route

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Fleet Liaison	1
VC-3	2
VC-7	1

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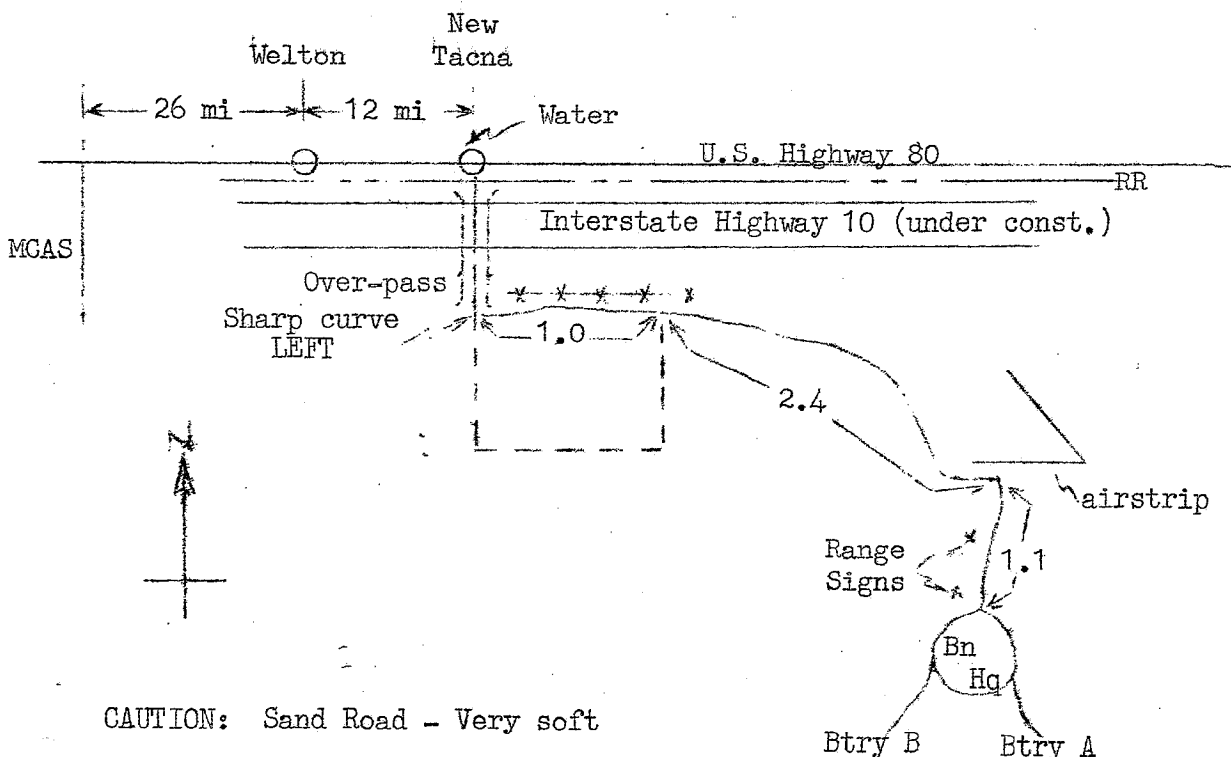
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071000 June 68

Tab A (Convoy Route) to Appendix 2 (Transportation) to Annex C (Administration and Logistics) to Operation Order 5-68

Ref: (a) WgO P11240.6 (SOP Motor Transportation)

Time Zone: TANGO



CAUTION: Sand Road - Very soft

NOTE: Map not to scale

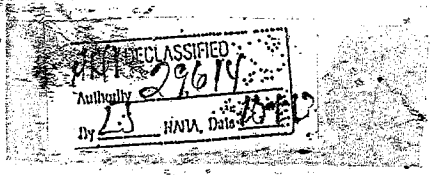
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Appendix 3 (Personnel) to Annex C (Administrative and Logistics) to
Operation Order 5-68.

Ref: (a) MCO P5000.3, (Marine Corps Personnel Manual)
(b) WgO P5000.1, (SOP for Personnel Administrative Procedures)

Time Zone: TANGO

1. STRENGTHS

a. All effective 5th LAAM Battalion personnel will participate.

2. REPLACEMENTS.--None

3. MORALE AND PERSONNEL SERVICES

a. Leave and Liberty.--Emergency leave only during exercise.

b. Information.--Queries from news media or other sources concerning the FIREX will be referred to this Headquarters for disposition.

c. Mail.--Will be delivered by 1600 daily to batteries/sections by the Battalion Mail Orderly.

4. UNIFORM AND EQUIPMENT

a. Utility Uniform

b. Equipment

(1) Cartridge belt and jungle kit

(2) (1) canteen w/cup and cover

(3) Mountain bag w/cover and mattress

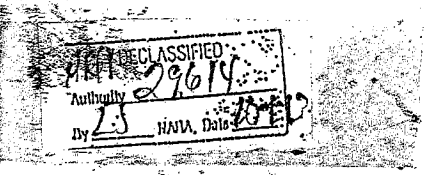
(4) Cot

(5) Helmet w/liner

(6) Knife, fork, spoon

(7) Pan, mess kit, w/cover

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5. PERSONNEL PROCEDURES

- a. Will be in accordance with references (a) and (b).
- b. Prior to FIREX, unit commanders will check I. D. cards and tags for currency/accuracy.
- c. Service records, health records, dental records and pay records will remain in the rear.
- d. Casualty/injury reports will be in accordance with reference (a) and will be submitted to this headquarters.

BY COMMAND OF LIEUTENANT COLONEL M. S. JOLLEY

A. C. GETZ
Major U. S. Marine Corps
Executive Officer

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VC-7	1

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5TH LAMM

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JUL-DEC. 68

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HEADQUARTERS
5th Light Antiaircraft Missile Battalion
MACG-38, 3dMAW, FMFPac
Marine Corps Air Station
Yuma, Arizona 85364

03:GLS:dlb
5750
7 January 1969

COPY NO. 20-69
1 OF 4
MACG-38

From: Commanding Officer
To: Commanding Officer, Marine Air Control Group 38
Subj: Command Chronology for period 1 July 1968 to 31 December 1968
Ref: (a) MCO 5750.2a
(b) FMFPacO 5750.8a
(c) WO 5750.1c
(d) GruO 5750.1a

Encl: 5th LAAM Bn Command Chronolgy (C)

1. In accordance with the provisions of references (a) through (d) enclosure (1) is submitted.
2. Unclassified upon removal of enclosure (1).

[Signature]
A. C. GETZ

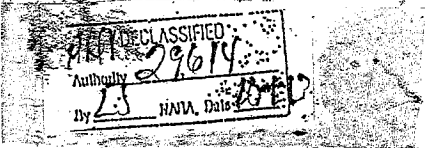
5th LAAM Bn

Jul-Dec 1968

5th LAAM Battalion
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COMMAND CHRONOLOGY

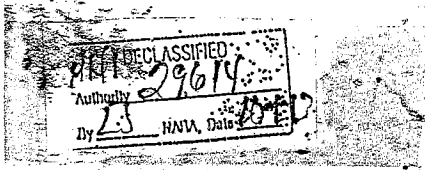
1 July 1968 to 31 December 1968

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- PART I - ORGANIZATIONAL DATA
- PART II - NARRATIVE SUMMARY
- PART III - SEQUENTIAL LISTING OF SIGNIFICANT EVENTS
- PART IV - SUPPORTING DOCUMENTS

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PART I

ORGANIZATIONAL DATA

1. (U) DESIGNATION
(RUC) 23980

5th Light Antiaircraft Missile Battalion

COMMANDER

LtCol M. S. JOLLEY
1Sept66 to 6Nov68
Maj A. C. GETZ
7Nov68 to present

SUBORDINATE UNITS

H&S Battery

Capt D. L. BAGLEY
24May68 to 17Nov68
Capt R. P. JACOBSEN
18Nov68 to present

Battery A

Capt R. P. JACOBSEN
10May68 to 17Nov68
1stLt H. W. STERLING
18Nov68 to present

Battery B

Capt A. I. HARTKOPF
30Mar68 to 6Dec68
Capt D. L. BAGLEY
7Dec68 to present

2. (U) LOCATION
1July66 to Present: MCAS, Yuma, Arizona

3. (U) STAFF OFFICERS

Executive Officer

Maj A. C. GETZ
12Dec67 to 6Nov68
Maj C. F. KELLENBARGER
7Nov68 to present

S-1 Officer

1stLt D. L. COLLINS
18Sep67 to present

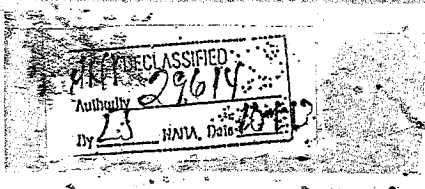
S-2/S-3

Maj C. F. KELLENBARGER
20Jan68 to 6Nov68
Maj J. D. MCCOWAN
7Nov68 to present

S-4 Officer

Capt L. G. MALONE
24May68 to present

ENCLOSURE (1)
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4. (U) AVERAGE MONTHLY STRENGTH

	<u>USMC</u>		<u>USN</u>		<u>Other</u>	
	<u>Off</u>	<u>Enl</u>	<u>Off</u>	<u>Enl</u>	<u>Off</u>	<u>Enl</u>
Jul	40	488	1	15	NONE	
Aug	39	478	1	12		
Sep	39	473	1	11		
Oct	40	466	1	11		
Nov	37	477	1	11		
Dec	37	478	1	9		

PART II

NARRATIVE SUMMARY

1. (C) During this reporting period 5th LAAM Bn conducted one HAWK FIREX and supported three CONFIRSTFLT exercises by providing aggressor SAM sites. For the first time by a Marine Corps unit, missiles were fired during the FIREX by fully automated commands from a TAOC utilizing the ADL transmitted by AN/TRC-27 between MACS-1 and 5th LAAM Bn. This was the battalion's most successful FIREX to date with both batteries reporting excellent results from acquisition to kill. During the entire period, the battalion worked closely with MACS-1 in attempts to establish a fully automated air defense system. Gains have been made, and as this coordination is continued and problem areas are discovered and resolved this goal becomes more and more a reality. In November, command of the 5th LAAM Bn was passed from LtCol M. S. JOLLEY to Major A. C. GETZ. In December the 5th LAAM Bn was awarded the National Defense Service Streamer.

PART III

SEQUENTIAL LISTING OF SIGNIFICANT EVENTS

1. (U) Personnel
 - a. 10July68 CWO-2 W. D. WHIMS promoted to present rank.
 - b. 11July68 CWO-2 K. R. HENDERSON promoted to present rank.
 - c. 12July68 1stLt M. D. SHANNON promoted to present rank.
 - d. 22July68 CWO-2 F. FRANKS promoted to present rank.
 - e. 1Aug68 SSgt O. J. BUNDY promoted to present rank.
 - f. Sep68 Cpl G. D. G. ADAIR named 3dMAW Marine of the Month.
 - g. 12Sep68 1stLt J. A. RAMSEY and Sgt C. W. WARREN awarded Navy Commendation Medal with combat "V". 1stLt C. W. CLARK promoted to present rank.
 - h. 20Sep68 Cpl C. J. PATRYN received Navy Achievement Medal.
 - i. 12Oct68 Sgt J. W. BARBEE received Air Medal, 7th award.

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- j. 25Oct68 Cpl R. SCHACHT received Navy Achievement Medal.
 - k. 1Nov68 Major J. D. MCGOWAN promoted to present rank.
 - l. 18Nov68 Sgt L. E. JACOBI received Navy Achievement Medal.
 Capt R. P. JACOBSEN assumed command of H&S Battery.
 1stLt H. W. STERLING assumed command of Battery A.
 - m. 26Nov68 CWO-2 W. R. GREEN promoted to present rank.
 - n. Dec68 Cpl R. R. COOK named 3dMAW Marine of the Month.
 - o. 7Dec68 Capt D. L. BAGLEY assumed command of Battery B.
 - p. 17Dec68 Battalion awarded National Defense Service Streamer.
 - q. 20Dec68 MSgt E. L. HATTON promoted to present rank.
2. (U) Administration. Major A. C. GETZ assumed command of 5th LAAM Bn 7Nov68.
 3. (U) Training. 21Oct68-25Oct68 the battalion conducted a HAWK FIREX at MCAS, Yuma.
 4. (U) SPECIAL OPERATIONS
 - a. 18Aug68-21Aug68. Provided aggressor SAM sites in support of COMFIRSTFLT operations.
 - b. 5Oct68-8Oct68. Provided aggressor SAM sites in support of COMFIRSTFLT operations.
 - c. 11Dec68-15Dec68. Provided aggressor SAM sites in support of COMFIRSTFLT operations.
 5. (U) COMMAND RELATIONS. 5th LAAM Bn is under operational and administrative control of Marine Air Control Group 38.
 6. (U) COMMUNITY RELATIONS
 - a. On 13Dec68, 3 H&S Battery Marines, Sgt James BISHOP, Lance Corporal James BLACKETEER and PFC R. E. PARKS, in Calipatria, California to obtain water for Battery B which was deployed in the field, assisted in fighting a fire in that city, receiving praise from city officials.
 - b. In support of the city of Yuma, Arizona the Battalion Career Advisory office solicited donations for Community Baseball bumper stickers in Yuma's quest for a professional athletic team.
 7. (C) COMMUNICATIONS. In December, ADL was successfully passed from the MPDS to the TSQ-57 system by radio relay using AN/TRC-97's in support of COMFIRSTFLT operations.

PART IV

SUPPORTING DOCUMENTS

- Operations Order - 7-68 (U)
 - 8-68 (U)
 - 9-68 (U)
 - 10-68 (U)
- } N/A

ENCLOSURE (D)
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Authority: 29614
By: LS NAWA Date: 10/12

5TH LAAM BN

c/c

1-30 Jan 1969

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By 23 NAVA, Date 10/1/93

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HEADQUARTERS
5th Light Antiaircraft Missile Battalion
MACG-38, 3dMAW, FMFPac
Marine Corps Air Station
Yuma, Arizona 85364

03:DJM:waj
5750
30 January 1969

From: Commanding Officer
To: Commanding Officer, Marine Air Control Group-Three Eight
Subj: Command Chronology for period 1 January 1969 to 30 January 1969
Ref: (a) MCO 5750.2_
(b) FMFPACO 5750.8_
(c) WgO 5750.1_
(d) GruO 5750.1_

Encl: (1) 5th LAAM Bn Command Chronology

1. In accordance with the provisions of references (a) through (d), enclosure (1) is submitted.
2. Unclassified upon removal of enclosure (1)

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A. C. GETZ

3d MAW S & C FILES

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0143569
S&C Control Number
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20 May 1969

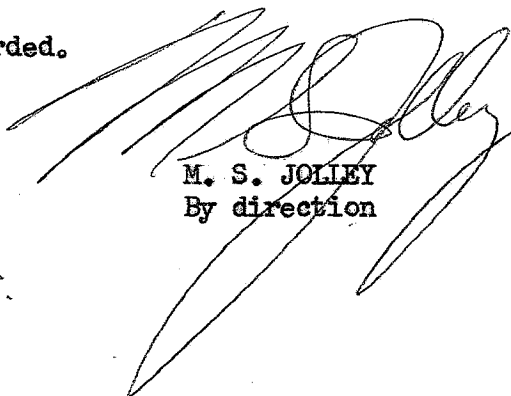
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FIRST ENDORSEMENT on CO, 5th Laam Bn ltr 03:DJM:wmj 5750 of 30 Jan 1969

From: Commanding Officer, Marine Air Control Group 38
To: Commandant of the Marine Corps (AO3D)
Via: (1) Commanding General, 3d Marine Aircraft Wing
(2) Commanding General, Fleet Marine Forces, Pacific

Subj: Command Chronology for Period 1 January 1969 to 30 January 1969

1. Readdressed and forwarded.



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By direction

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By [signature] NAVA, Date 10 FEB 1983

69-5614

3:REH:pmk
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SECOND ENDORSEMENT on CO, 5th LAAM Bn ltr 03:DJM:wmj over 5750 of 30 January 1969

From: Commanding General, 3d Marine Aircraft Wing
To: Commandant of the Marine Corps (A03D)
Via: Commanding General, Fleet Marine Force, Pacific

Subj: Command Chronology for Period 1 January 1969 to 30 January 1969

1. Forwarded.

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THIRD ENDORSEMENT on CO, 5th LAAM Bn ltr 03:DJM:wmj
5750 of 30Jan69

From: Commanding General, Fleet Marine Force, Pacific
To: Commandant of the Marine Corps (Code A03D)

Subj: Command Chronology for period 1 January 1969 to 30
January 1969

1. The subject chronology has been reviewed for completeness and
is forwarded herewith.

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By direction

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COMMAND CHRONOLOGY
1 January 1969 to 30 January 1969

INDEX

- PART I ORGANIZATIONAL DATA
- PART II NARRATIVE SUMMARY
- PART III SEQUENTIAL LISTING OF SIGNIFICANT EVENTS
- PART IV SUPPORTING DOCUMENTS

1

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PART I
ORGANIZATIONAL DATA

1. (U) DESIGNATION
(RUC) 23980

COMMANDER

Maj A. C. GETZ
7 Nov 68 to 30 Jan 69

SUBORDINATE UNITS

H&S Battery

Capt R. P. JACOBSEN
18 Nov 68 to 30 Jan 69

Battery A

1stLt H. W. STERLING
18 Nov 68 to 30 Jan 69

Battery B

Capt D. L. BAGLEY
7 Dec 68 to 30 Jan 69

2. (U) LOCATION
1 July 66 to 30 Jan 69: MCAS, Yuma, Arizona

3. (U) STAFF OFFICERS
Executive Officer

Maj C. F. KELLENBARGER
7 Nov 68 to 30 Jan 69

S-1 Officer

1stLt D. C. COLLINS
18 Sept 67 to 30 Jan 69

S-2/S-3 Officer

Maj J. D. MCGOWAN
7 Nov 68 to 8 Jan 69
Capt A. I. HARTKOPF
9 Jan 69 to 30 Jan 69

S-4 Officer

Capt L. G. MALONE
24 May 68 to 30 Jan 69

4. (U) AVERAGE MONTHLY STRENGTH

<u>USMC</u>		<u>USN</u>		<u>OTHER</u>
<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>	
31	484	1	9	NONE

PART II

NARRATIVE SUMMARY

1. (C) During this reporting period 5th LAAM Bn conducted one antiair warfare exercise in the Chocolate Mountain area, providing an aggressor SAM site simulating firings against COMFIRSTFLT aircraft. Control of simulated missile firings was exercised from the MACS-1 MTDS TAOC (located at MCAS, Yuma) and ADL commands were transmitted using AN/TRC-97

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equipment. The "highly professional" conduct of this exercise drew the personal praise of VADM Roeder (COMFIRSTFLT).

PART III

SEQUENTIAL LISTING OF SIGNIFICANT EVENTS

1. (U) PERSONNEL
 - a. 1 Jan 69 Capt. H. B. JOHNSON promoted to present rank.
 - b. 7 Jan 69 Cysgt J. O. FRALEY received Navy Commendation Medal
 - c. 22 Jan 69 Cpl H. C. COOK received Navy Achievement Medal w/ Combat V.
2. (U) ADMINISTRATION Nothing significant
3. (U) INTELLIGENCE Nothing Significant
4. (U) TRAINING
 - a. 9-13 Jan 69 AAWEX in support of COMFIRSTFLTEX.
 - b. 21 Jan 69 Fam fire and demonstration of 50 cal. machinegun and M-72 LAW.
 - c. 23-28 Jan 69 Fam fire of M-12 shotgun.
5. (U) SPECIAL OPERATIONS None
6. (U) COMMAND RELATIONS Nothing Significant
7. (U) EQUIPMENT Batteries A and B each received a second High Power Illuminator Radar (AN/MPQ-39) replacing outdated Low Power Illuminator Radar.
8. (U) LOGISTICS Nothing Significant
9. (U) COMMUNITY RELATIONS

11 Jan 69 Provided mess support for civic ceremony dedicating Old Yuma Trail.
10. (C) COMMUNICATIONS Successfully employed AN/TRC-97 for ADL transmission to deployed missile battery.
11. (U) ACTIVATIONS, DEACTIVATIONS, REDESIGNATIONS

30 Jan 69 5th LAAM Bn deactivated. Maj GETZ returned Bn colors to Maj Gen ADAMS, Wing Commander.
12. (U) NEW PROGRAMS Nothing Significant
13. (U) COMMAND RELATIONS WITH OTHER MILITARY ORGANIZATIONS Nothing Significant

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PART IV

SUPPORTING DOCUMENTS

- (a) Operations Order 1-69 (U)
- (b) MCO 5440.10 (U) Activation, Deactivation, Relocations of Fleet Marine Force Aviation Units.

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 301600 (T) December 1968

OPERATION ORDER 1-69

- Ref: (a) Maps: USAF Operational Navigation Chart 1:1,000,000
 Sheet No. OICG-18
 USDI/GS Iris Wash California 1:24,000
 (b) COMFIRSTFLT Op Order 301A-(68) w/supplement dtd 11Dec68 (C)
 (c) Bn Order F3100.1 (Operation SOP)

TIME ZONE: TANGO (+7)

TASK ORGANIZATION:

5th LAAM Bn	Maj	GETZ
H&S Battery	Capt	JACOBSEN
Battery A (-) (Reinf)	1stLt	STERLING

1. SITUATION

- a. Enemy Forces. Reference (b)
- b. Friendly Forces. Annex B (Anti-Air Warfare) (C)

2. MISSION

Upon order Battery A (-) (Reinf) will commence aggressor operations from positions in the Miland, California/Chocolate Mountain area in support of Operation BELL CURVE.

3. EXECUTION

- a. Concept of Operations. Annex B (Anti-Air Warfare) (C)
- b. H&S Battery. Provide logistic, communications and administrative support as required.
- c. Battery A (-) (Reinf). Upon order, displace to the Miland, California/Chocolate Mountain area and prepare to carry out operations as outlined by reference (b) and Annex B (Anti-Air Warfare) (C).
- d. Coordinating Instruction

- (1) Commanding Officer, Battery A, will notify the Commanding Officer, 5th LAAM Bn of all unit movements involved during Operation BELL CURVE.

(Annex B Conf)
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Tal A

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NADA Date: [Date]

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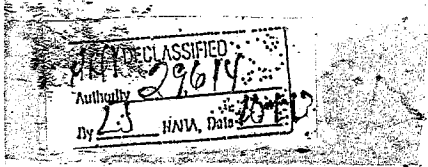
- (2) S-3 5th LAAM Bn will notify TACC of departure and arrival times of Battery A movements and time of commencement and termination of the Operation BELL CURVE.
 - (3) SMD 5th LAAM Bn will submit daily SITREPS to TACC at 0900 (T) and 1500 (T) during Operation BELL CURVE.
 - (4) Commanding Officer, Battery A, will submit a Post Exercise report to Battalion S-3 two working days following the exercise.
 - (5) Arizona time zone TANGO (+7). California time zone UNIFORM (+8).
4. ADMINISTRATION AND LOGISTICS. Annex C (Administration and Logistics).
5. COMMAND AND COMMUNICATIONS
- a. Annex D (Command and Communications-Electronics).
 - b. 5th LAAM Bn Command Post will remain at MCAS, Yuma, Arizona.
 - c. Communications will be maintained between Battalion Command Post and Battery A via HF radio, 24 hours daily.

[Handwritten Signature]

A. C. GETZ
Major U. S. Marine Corps
Commanding

- ANNEXES:
- A. Intelligence
 - B. Anti-Air Warfare (C) (NOTAL)
 - C. Administration and Logistics
 - D. Command and Communications-Electronics

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ANNEX A (Intelligence) to Operation Order 1-69

Ref: (a) Map: USAF Operational Navigation Chart, 1:1,000,000
 Sheet No. ONCG-18

(b) Map: USDI/GS Iris Wash California 1:24,000

(c) BnO 3800.1 (Intelligence SOP)

TIME ZONE: TANGO (+7)

1. SUMMARY OF SITUATION. Annex (B) to Operation Order 1-69

2. ESSENTIAL ELEMENTS OF INFORMATION

- a. Aggressor air strength and location.
- b. Type and characteristics of aggressor aircraft.
- c. Aggressor electronic counter-measure capabilities.
- d. The above tasks are not listed as to priority.

3. INTELLIGENCE ACQUISITION TASKS

a. Orders to subordinate units.

(1) Battery A(-) (Reinf)

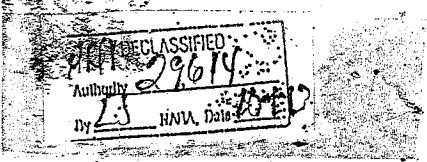
- (a) Conduct surveillance as required within zone of action.
- (b) Question all unauthorized personnel entering Battery area.

(2) H&S Battery detachment

- (a) Upon order, conduct early warning surveillance and pass early warning reports of aggressor aircraft approaching Battery area.
- (b) Question all unauthorized personnel entering radar site.

b. Requests to adjacent units

(1) Commander, MAJS-1. Request early warning reports of aggressor aircraft approaching Battery site in Chocolate Mountain area.



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4. MEASURES FOR HANDLING PERSONNEL, DOCUMENTS, AND MATERIAL

- a. Unauthorized personnel will be questioned and brought initially to Battery Headquarters.
- b. Captured documents. Reference (c) applies until modified.
- c. Captured material. Reference (c) applies until modified.

5. DOCUMENTS AND/OR EQUIPMENT REQUIRED

- a. Reference (a) is designated as the standard map for this operation.
- b. Maps and charts will be issued as available in accordance with the standard distribution set for in reference (c).

6. COUNTERINTELLIGENCE. Appendix 2 to Annex A (Intelligence)

7. REPORTS AND DISTRIBUTION

- a. Standard intelligence reports will be submitted as prescribed in reference (c).
- b. Include Commander of MACS-1 and Commander of Battery A on distribution of all intelligence reports submitted to this headquarters.

8. MISCELLANEOUS INSTRUCTIONS

- a. Normal reconnaissance and observation will be carried out by all units as set forth in reference (c).
- b. Units in contact, question and escort all unauthorized personnel to Battery Headquarters.

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APPENDIXS:

- 1. Tactical Study of Weather and Terrain
- 2. Counterintelligence Plan
- 3. Aerological and Astronomical Data

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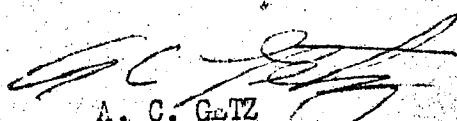
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Appendix 1 (Tactical Study of Weather and Terrain) to Annex A
(Intelligence) to Operation Order 1-69

Time Zone: TANGO (+7)

1. WEATHER - Period covering the month of January 1969.
 - a. Precipitation - None
 - b. Temperature - 35 to 45 Low
65 to 75 High
 - c. Humidity - 10 to 20%
 - d. Wind - Light from the North
2. TERRAIN - Sandy - gently rolling, small knolls, passable.


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Appendix 2 (Counterintelligence Plan) to Annex A (Intelligence) to
Operation Order 1-69

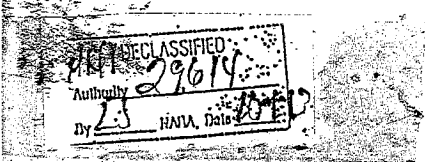
Time Zone: TANGO (+7)

Battery A will carry out the following continuous measures:

1. All unauthorized personnel will be processed through the Battery Commander.
2. Supervision of communications security.
3. Conduct investigation into circumstances surrounding compromise.
4. Maintaining strict and continuing censorship when required.
5. Passing of challenge - password couplet when applicable.


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Appendix 3 (Aerological and Astronomical Data) to Annex A (Intelligence)
 to Operation Order 1-69

Time Zone: TANGO (+7)

1. ASTRONOMICAL DATA FOR JANUARY 1969

<u>DATA</u>	<u>BOMT</u>	<u>SUNRISE</u>	<u>SUNSET</u>	<u>EOLT</u>	<u>MOONRISE</u>	<u>MOONSET</u>	<u>MOON PHASE</u>
1	0713	0740	1743	1810	1554	0613	Full Moon
2	0713	0740	1744	1811	1644	0705	
3	0713	0740	1744	1811	1739	0755	
4	0714	0741	1745	1812	1838	0839	
5	0714	0741	1746	1813	1939	0917	
6	0714	0741	1747	1814	2038	0951	
7	0714	0741	1748	1815	2137	1021	
8	0714	0741	1749	1816	2236	1048	
9	0714	0741	1749	1816	2236	1114	Last Half
10	0714	0741	1750	1817		1140	
11	0714	0741	1751	1818	0038	1209	
12	0714	0741	1752	1818	0143	1241	
13	0714	0741	1753	1819	0252	1319	
14	0714	0741	1754	1820	0405	1406	
15	0714	0740	1754	1821	0518	1504	
16	0714	0740	1755	1822	0629	1611	New Moon
17	0714	0740	1756	1823	0731	1726	
18	0714	0740	1757	1824	0822	1842	
19	0713	0740	1758	1825	0904	1955	
20	0713	0740	1759	1826	0938	2103	
21	0713	0740	1800	1826	1008	2207	
22	0712	0739	1801	1827	1035	2310	
23	0712	0738	1802	1828	1102		First Half
24	0711	0738	1803	1829	1128	0008	
25	0710	0737	1804	1830	1158	0107	
26	0710	0737	1805	1831	1230	0206	
27	0710	0736	1806	1832	1306	0305	
28	0709	0735	1807	1833	1348	0403	
29	0709	0734	1808	1834	1437	0459	
30	0709	0734	1809	1834	1531	0550	
31	0708	0733	1810	1835	1629	0637	Full Moon

BOMT-Beginning of Morning Twilight

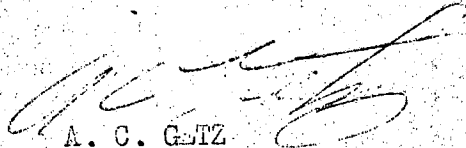
EOLT-End of Evening Twilight

BOMT/EOLT are Civil Twilight; sun 6 below the Horizon

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2. AEROLOGICAL. Clear skies


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Annex B (Anti-Air Warfare) to Operation Order 1-69

- Ref: (a) Maps: USAF Operational Navigation Chart 1:1,000,000
Sheet No. ONCG-18
- (b) COMFIRSTFLT Op Order 301A-(68) w/supplement dtd 11Dec68 (C)
- (c) Bn Order P3100.1 (Operation SOP)

TIME ZONE: TANGO (+7)

1. SITUATION

a. Enemy Forces. Reference (b)

b. Friendly Forces

(1) Marine Corps

(a) (U) MACS-1 will operate from their present position aboard MCAS, Yuma and will provide early warning and other air defense data in an automatic mode of operation.

(2) Navy

(a) (C) TACRON-13 will act as range control.

(b) (C) An S-band emitter team will operate in the missile battery area during the period 10-12 January.

(c) (U) An AN/TRC-97 radio relay team with equipment will be attached to Battery A.

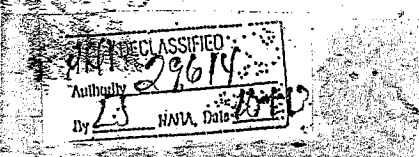
2. MISSION

(C) Establish automatic air defense operations using the AN/TSQ-57 as the primary means of conducting aggressor surface-to-air (SAM) operations in the Chocolate Mountain Range on 10 and 11 January 1969, in support of Operation BELL CURVE. Evaluate MACS-1 MTDS TAOC capability to pass effective and accurate automatic data via radio relay from MCAS, Yuma to Battery A in the Chocolate Mountain Range.

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3. EXECUTION

a. Concept of Operation

- (1) (C) On 6 January 1969 one AN/TRC-97 team with equipment will proceed by vehicle to the Chocolate Mountain Range area. Upon arrival, establish communications with MCAS, Yuma.
- (2) (C) During the period 6-8 January 1969 the OC located at MCAS, Yuma, under the supervision of the Battalion Communications Officer, will determine what frequency, antenna angle, etc., affords the best communications.
- (3) (C) On 8 January 1969 Battery A (-) (Reinf) will proceed administratively by Motor March to the Chocolate Mountain Range area. Establish Battery operational site for support of Operation BELL CURVE.
- (4) (C) During the period 8-9 January 1969 Battery A, in conjunction with the Battalion Operations Central and MACS-1 MTDS TAOC, will establish ADL operation via the AN/TRC-97 radio relay.
- (5) (C) Upon order, on 10 January 1969 Battery A will commence aggressor SAM operations in support of Operation BELL CURVE. Upon completion of aggressor operations and on or about 12 January 1969, Battery A (-) (Reinf) will return administratively by Motor March to MCAS, Yuma, Arizona.
- (6) (C) On 10 and 11 January 1969 Navy aircraft from COMFIRSTFLT representing "Blue Forces" will attack known target complexes in the Chocolate Mountain Range.
- (7) (C) Primary early warning and command data for Battery A will be provided by MACS-1 MTDS TAOC located at MCAS, Yuma. The use of the AN/TSQ-57 and AN/TRC-97 systems will be employed in passing automatic data from MACS-1 through the Battalion Operation Central to Battery A.
- (8) (U) Battalion S-3 will provide a mobile early warning site with manual backup to the MTDS/AN/TSQ-57 automatic system.

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b. Air Operations Involving HAWK Battery

(1) General

- (a) (C) Battery A will be deployed in the vicinity of the Chocolate Mountain objective area during the period 10-11 January. Simulated missile firings against Blue aircraft will be announced on attack frequency. Voice call of the sight is PROFANE ALPHA. Pilots have been encourage to exercise SAM evasive tactics and attack the site with captive shrike or constructive ordnance. PROFANE ALPHA will broadcast missile alert codeword of the day on attack frequency (273.8mhz) when locked on and ready to fire. One member of each flight will check in with COFFEE HEAD, (MACS-1), on frequency 284.4 primary, 306.8 secondary upon entry into the Imperial Valley.
- (b) (C) An S-band emitter for use by captive SHRIKE aircraft will be employed with Battery A during the period 10-11 January.

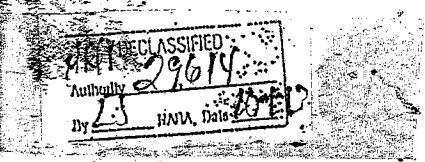
(2) Procedure

- (a) (C) MACS-1 will detect incoming air strikes with surveillance radars, MACS-1 will assign aircraft targets to the Fifth LAAM Bn Senior Missile Director who will in turn assign targets to Battery A firing unit via the automatic system.
- (b) (U) Battery A will engage and simulate firing of assigned targets upon receiving assignments.
- (c) (U) Early warning team from Fifth LAAM Bn will be used as back up for the automatic system and will function as manual AOC if automatic system becomes inoperative.

(3) Miscellaneous

- (a) (C) Aircraft are scheduled for missions from 1000-2200 10-11 January.
- (b) (C) Blue aircraft will be squawking Mode 1 Code 41.

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- (c) (C) TACRON 13 will act as range control. (Call sign VITALIS 14 on frequency 272.9/386.8 mhz)
- (d) (U) PROFANE ALPHA will be located in the UNIFORM (+8) time zone but will continue to operate under TANGO (+7) time.
- (e) (U) Code word of the day will be published under a separate directive.

c. Objectives

- (1) (C) To provide realistic surface-to-air missile (SAM) operations for pilots of COMFIRSTFLT to conduct training against.
- (2) (U) To further train BCC crews to function as a "team" during AAW operations.
- (3) (U) To train tactical control officers and assistants to operate from the BCC in an automatic mode of operation while receiving command data from higher control agencies.
- (4) (U) To train AAW officers MOS 6704 to function as Senior Missile Directors from the MTDS TAOC using the automatic system to pass various commands.
- (5) (C) To determine and find solutions to, problems involved with passing early warning and command data from MACS-1 MTDS TAOC through the Battalion Operation Central to Battery A ninety (90) miles distant via the AN/TRC-97 radio relay.
- (6) (U) To further maintain proficiency in the manual system of control by displacing a Battalion early warning team with Battery A to back up the automatic system.

d. Coordinating Instructions

- (1) (U) Safety is paramount.
- (2) (U) Target scheduling will be published upon receipt from COMFIRSTFLT.
- (3) (U) All radars will be oriented to true north.

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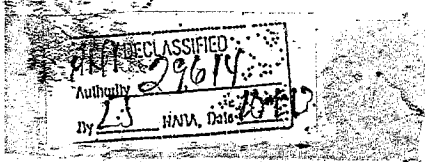
- (4) (U) All voice tell plots, if used, will be in GEOREF.
- (5) (C) GEOREF position of Battery A will be ED 3317.
- (6) (U) Site location coordinates will be published upon receipt of appropriate range clearances.

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Major U. S. Marine Corps
Commanding

DISTRIBUTION:

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Battery A	1
File	1

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ANNEX C (Administration and Logistics) to Operation Order 1-69

- Ref: (a) Maps: USAF Operational Navigation Chart 1:1,000,000
 Sheet No. ONCG-18
 (b) Map: USDI/GS Iris Wash California 1:24,000

TIME ZONE: TANGO (+7)

1. MISSION AND CONCEPT OF OPERATION (Operation Order 1-69)
2. SUMMARY STATEMENT OF LOGISTIC SUPPORT

Operating and safety levels of supply will be maintained by Battery A. The Battery Commander will control all assigned vehicles and secure additional class I and III supplies as needed. The 5th LAAM Bn (-) located at MCAS, Yuma, will be prepared to provide additional requirements as needed.

3. REQUIREMENTS

a. Supply

(1) Personnel to be supported:

Battery A (with drivers)	85
Communications	5
Mess Hall	4
Corpsman	1
S-3	11
TOTAL	106

(2) Class I:

(a) Meals

- 1 "A" Rations as required.
- 2 "C" Rations; 1st meal and one meal back-up.

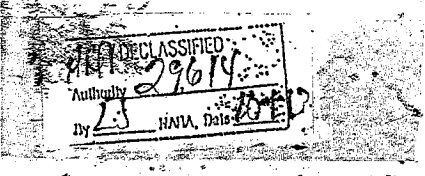
(b) Water - 5 gallons per individual per day.

(c) Ice - as required.

(3) Class II: As required to accomplish the mission.

(4) Class III: Five (5) days. All Class III supplies will be kept shaded at all times.

(5) Uniform: as prescribed by Battery Commander.



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b. Transportation

- (1) Line Hauls:
 Out: approx. 100 miles
 In: approx. 100 miles

- (2) Route: See Appendix 1

- (3) Transportation means:

M-36	2 1/2 T	19
M-37	3/4 T	1
M-38A1	1/4 T	3
M-543	5 T	1
M-83	Radio Trk	5
M-49A2	Gas Tanker	1
M-49A2	Diesel Tanker (on call)	1
M-107	Water Trailer	2
M-37	3/4 T stand by for contact team	1

c. Service

- (1) Maintenance of equipment:

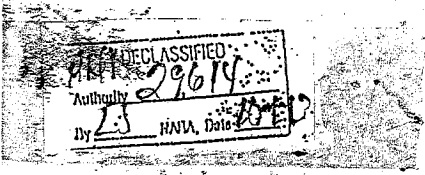
- (a) First and second echelon maintenance will be performed by the battery.
- (b) Third and fourth echelon maintenance will be provided by a contact team located at 5th LAAM Bn (-), MCAS Yuma, Arizona, if required.

- (2) Service units and installations required:

- (a) 5th LAAM Bn (-) MCAS, Yuma, and/or NAF, El Centro, for class III refueling, water and ice.
- (b) 5th LAAM Bn (-) MCAS, Yuma, for third and fourth echelon maintenance and supplies.
- (c) MCAS, Yuma, for emergency helicopter evacuation.

d. Evacuation and Hospitalization

- (1) Proper supervision and extreme caution will be used to prevent heat casualties.
- (2) Corpsman will be attached to Battery A.
- (3) The dispensaries located aboard MCAS, Yuma, and NAF, El Centro, will serve as emergency medical facilities.
- (4) Emergency Helicopter evacuation will be requested by field communication to 5th LAAM Bn Officer of the Day who will notify Station Search and Rescue (Ext. 2176)



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4. PROVISION OF LOGISTIC SUPPORT

- a. Supply. Class I and III supplies will be maintained by the using unit in the objective area. Replenishment of these supplies will be drawn as required from MCAS, Yuma.
- b. Transportation. Transportation will be provided by 5th LAAM Bn Motor Transport.
- c. Services. First and second echelon maintenance is inherent within the battery organization. Third and fourth echelon maintenance will be performed at the objective area by a contact team on 24 hour call from MCAS, Yuma.

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AFFENDIX:

- 1. Route Map

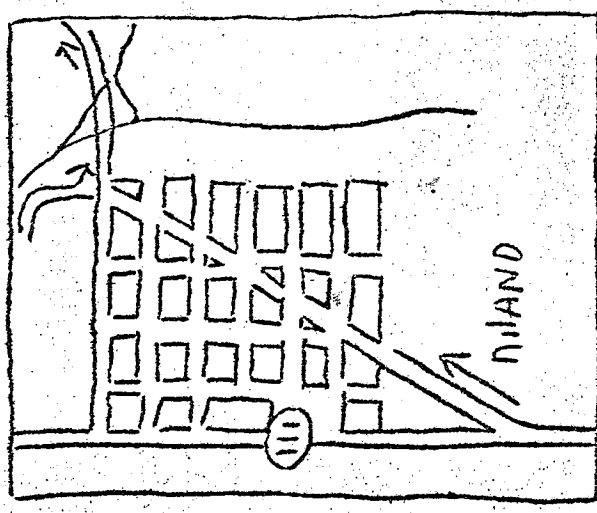
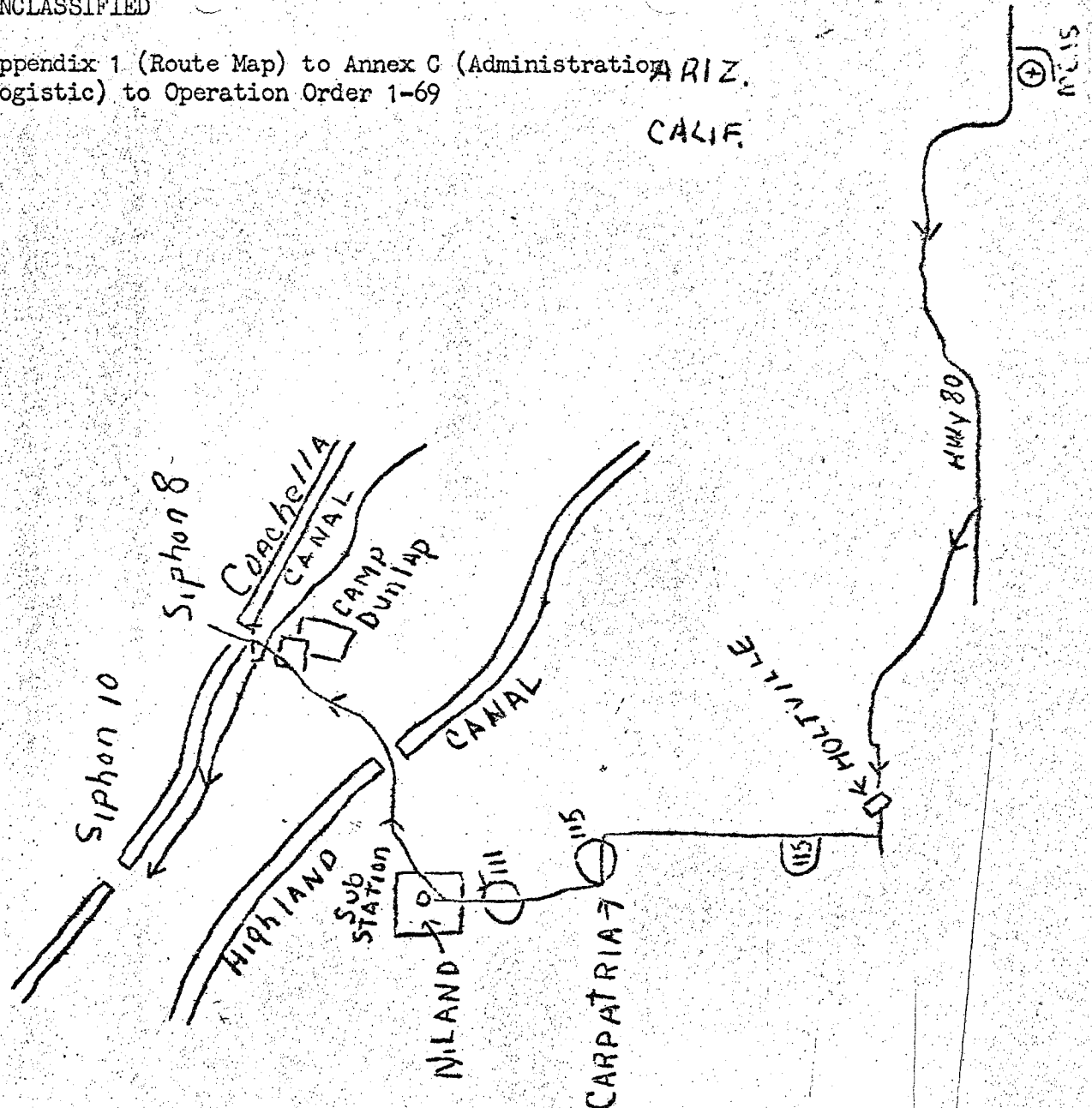
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Appendix 1 (Route Map) to Annex C (Administration
Logistic) to Operation Order 1-69

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 MCAS, Yuma, Arizona
 301600(T) December 1968

ANNEX D (Communication-Electronics) to Operation Order 1-69.

Ref: (a) Maps: USAF Operational Navigation Chart 1:1,000,000
 Sheet No. ONCG-18
 (b) BnO P2000.1 (Comm SOP)

TIME ZONE: TANGO (+7)

1. SITUATION

- a. Enemy Forces. Annex B (Anti-Air Warfare) (C) to Operation Order 1-69.
- b. Friendly Forces. Annex B (Anti-Air Warfare) (C) to Operation Order 1-69.
- c. Command Posts
 - (1) 5th LAAM Bn MCAS, Yuma, Arizona
 - (2) Battery A (-) (Reinf) Annex B
 - (3) MACS-1 MCAS, Yuma, Arizona

2. MISSION

Commencing on order, provide communication support for Operation BELL CURVE.

3. EXECUTION

- a. Communications will be in accordance with reference (b) and this order.
 - (1) Detachment provide 2 AN/TRC-97 radio sets with 3 men each. Install, operate and maintain radio relay communications between MCAS, Yuma and Battery A.
 - (2) Channelization. See Appendix 1.
- b. Battalion Communication Platoon.
 - (1) Install and maintain wire lines in support of AN/TRC-97 communications between 5th LAAM Bn and Battery A.
 - (2) Install and maintain wire communications between MACS-1 and 5th LAAM Bn. See Appendix 2.

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- (3) Provide one HF radio circuit in standby between MACS-1 and AN/UPS-1 site with Battery A.
- (4) Provide one HF radio circuit in standby between 5th LAM Bn and Battery A.
- (5) Provide ground to air communications as required.

c. Battery A

- (1) Install, operate and maintain internal communications as required.
- (2) Install and maintain wire lines from AN/TRC-97 site to appropriate Battery Equipment.
- (3) Provide logistic support for one AN/TRC-97 and three men.

4. ADMINISTRATION AND LOGISTICS

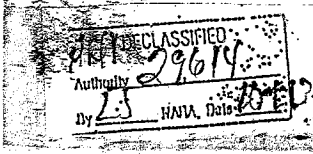
There will be limited 3rd echelon repair for communications available at 5th LAM Bn (-).

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APPENDIXES:

- 1. Radio Relay Channelization
- 2. Intergrated Wire and Radio Relay

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MACS-1 2



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Appendix 1 (Radio Relay Channelization) to Annex D (Comm Electronics)
 to Operation Order 1-69

CHANNEL	SUBSCRIBER
1	SPARE
2	H/L 4W
3	ADL 4W
4	IRR 4W
5	E/W 2W
6	CDG Maint 2W
7	ADMIN 2W
8	SPARE
9	SPARE
10	SPARE
11	SPARE
12	SPARE

[Signature]
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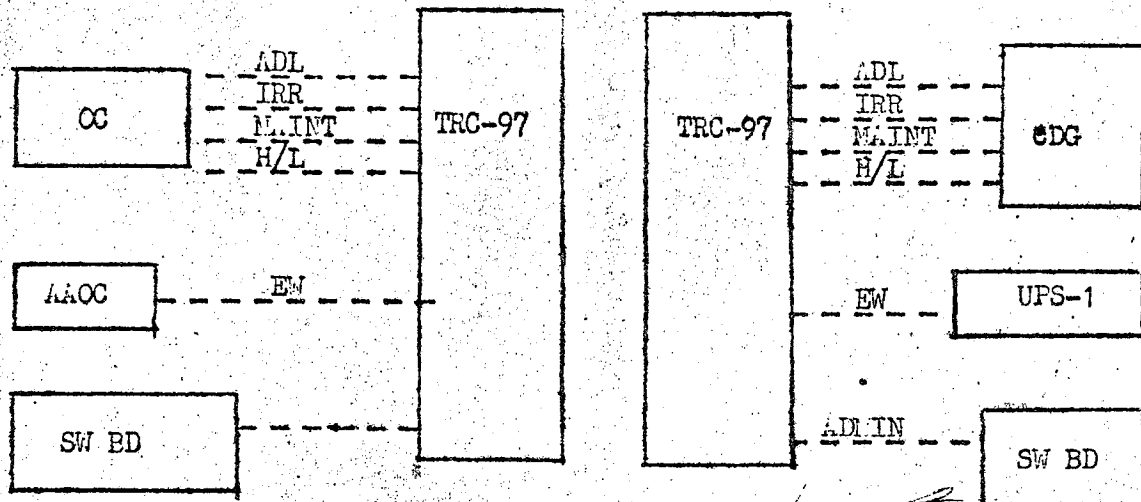
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Appendix 2 (Integrated Wire and Radio Relay Plan) to Annex D
(Communication Electronics) to Operation Order 1-69



[Handwritten Signature]

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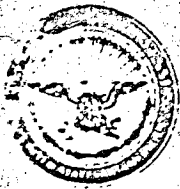
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FORCE 2 & 3 LIFE

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DEPARTMENT OF THE NAVY
 HEADQUARTERS UNITED STATES MARINE CORPS
 WASHINGTON, D.C. 20380

5th LAAM Bn

MCO 5440.10
 AAP-4A-bls
 28 Dec 1968

MARINE CORPS ORDER 5440.10

From: Commandant of the Marine Corps
 To: Distribution List

Subj: Activation, Deactivation, Relocation of Fleet Marine
 Force Aviation Units

- Ref:
- (a) MCO 005440.7 (NOTAL)
 - (b) USMC T/O M-8621 (NOTAL)
 - (c) MCO P3000.2B (NOTAL)
 - (d) MCO P1070.8, IRAM (NOTAL)
 - (e) MCO P4420.2H, DOD Activity Address Directory (NOTAL)
 - (f) MCO 4440.19D (NOTAL)
 - (g) MCO 4400.4E
 - (h) MCO 4442.3A
 - (i) SL-4-02626A (NOTAL)
 - (j) SECNAVINST 5212.5B (NOTAL)

Reports Required: I. Confirmation of Activation (Report
 Symbol MC #5400-OT) par. 3b(4) (a)

II. MARES/FORSTAT System Reports, par. 3b
 (4) (b)

1. Purpose. To establish a detachment of the 2d Light
 Antiaircraft Missile Battalion (2d LAAM Bn); to activate
 Subunit #1, Headquarters and Service Battery (SU #1, H&S
 Btry); to deactivate the 5th LAAM Battalion; and to relocate
 certain missile batteries.

2. Information

a. The 5th LAAM Battalion was authorized for SEASIA
 augmentation and as shown in reference (a) was scheduled
 for deactivation subsequent to the retrograde of the
 2d LAAM Battalion to CONUS. As a result of a reduced LAAM
 commitment in SEASIA, the 2d LAAM Battalion has been
 returned to CONUS and the deactivation of the 5th LAAM
 Battalion is required.

b. During the planning for the return of the 2d LAAM
 Battalion, a determination was made that, although MCAS
 Yuma is the programmed homeport, the battalion would return
 to Marine Corps Base, Twentynine Palms (MCB 29 Palms) due

Tab B

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MCO 5440.10
 28 Dec 1968

to a shortage of facilities at MCAS Yuma. The ongoing facilities construction at MCAS Yuma has not yet reached the point where a full LAAM Battalion, the Marine Combat Crew Readiness Training Group (MCCRTG) and other homeported and rotational aviation units can be fully accommodated.

c. The impending deactivation of the 5th LAAM Battalion caused a reassessment of LAAM assets and locations. To continue utilizing the preferred Yuma ranges and training environment, and yet not overload facilities (primarily quarters/housing) it is necessary to replace the 5th LAAM Battalion with units of the 2d LAAM Battalion. The 5th LAAM Battalion presently consists of an H&S Battery and two active missile batteries. The establishment of a detachment of the 2d LAAM Battalion, consisting of SU #1, H&S Battery and two missile batteries, will relieve Yuma of a requirement to provide approximately 200 quarters spaces for the next 2 years. These living spaces will be used, to the extent possible, to aid the buildup of the MCCRTG.

3. Action

a. Commanding General, Fleet Marine Force, Pacific, during January 1969:

- (1) Activate SU #1, H&S Battery, 2d LAAM Battalion at MCAS Yuma, Arizona as a subordinate unit of a detachment of the 2d LAAM Battalion.
- (2) Relocate Batteries C and D, 2d LAAM Battalion (less personnel and equipment) to MCAS Yuma, Arizona.
- (3) Deactivate the 5th LAAM Battalion.

b. Coordinating Instructions

- (1) Organization. The detachment of the 2d LAAM Battalion will consist of SU #1, H&S Battery, 2d LAAM Battalion and two missile batteries which will be organized IAW reference (b).
- (2) Deployment Plans. Not applicable.
- (3) Public Affairs. Local announcement of unit deactivation/activation is authorized.



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28 Dec 1968

(4) Reports

(a) Confirm activation by message to the Commandant of the Marine Corps (Code AAP with information copy to Code AO3). (Report Symbol MC #5400-OT has been assigned to this report).

(b). Operational readiness will be reported IAW reference (c).

4. Administration

a. The following unit codes for personnel accounting and operational reporting are assigned to SU #1:

<u>MCC</u>	<u>RUC</u>	<u>UIC</u>	<u>ULC</u>	<u>UTC</u>
IBM	62961	M62961	SU	27 MHT

b. Activation/deactivation will be recorded as a record of events on the initial/final unit diary IAW reference (d), paragraph 6113. Submit appropriate unit diary entry IAW reference (d), paragraph 6255.

c. Upon activation of Subunit #1, the Commanding Officer, 2d LAAM Battalion, will notify the Commandant of the Marine Corps (Code CHE) of the complete unit title, mailing and shipping address for publication in reference (e) if Subunit #1 will receive supplies and material directly from supply sources. Notification will include a statement concerning deletion of 5th LAAM Battalion from reference (e) after consideration of shipping addresses for any outstanding requisitions for 5th LAAM Battalion.

5. Personnel

a. Personnel from Battery C, 2d LAAM Battalion will be transferred to other units of the battalion prior to relocation of the battery to MCAS Yuma. Battery D, presently at zero strength, will remain so until relocated.

b. Personnel from the 5th LAAM Battalion will be transferred to SU #1 for appropriate assignments within the detachment of 2d LAAM Battalion.

c. Initial excess strength in SU #1 will be phased down through attrition; e.g., WP replacements, release from ACDU, and normal transfers.

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MCO 5440.10

28 Dec 1968

6. Logistics

a. The Commanding Officer, 2d LAAM Battalion is responsible for supply support of SU #1. Requirements for changes in authorized material as prescribed by current allowance publications should be submitted promptly in accordance with paragraph 12 of the Table of Authorized Materiel (TAM). Shop Set AN/TSM-41 and Shop Set AN/TSM-42 can be made available as Field Maintenance Test Equipment to support SU #1 operations.

b. The CG, FMFPac will ensure that appropriate reports are submitted IAW references (f), (g) and (h).

c. TAM assets of Batteries A and B, 5th LAAM Battalion will be transferred to Batteries C and D, 2d LAAM Battalion upon relocation.

d. The secondary item maintenance float assets on hand at the 5th LAAM Battalion shall be utilized to reconstitute any existing deficiencies in the 2d LAAM Battalion maintenance float. Minimum mandatory allowances for float quantities are authorized IAW reference (i).

e. Navy-furnished allowances of the 5th LAAM Battalion will be transferred to the 2d LAAM Battalion.

7. Fiscal

a. Requests for cancellation or reassignment of Navy unit identification (UIC) numbers will be submitted to CMC (Code AS-2) with information copies to CMC (Code AAJ) and the Navy Comptroller (Code NCFS).

b. Redistribution of funds within the FMF will be accomplished by the CG, FMFPac. Requirements for redistribution of funds caused by shifting of baseloads will be reported to CMC (Code AS-1).

8. Records. Records of the 5th LAAM Battalion eligible for destruction or transfer will be disposed of IAW reference (j). All other records will be transferred to the 2d LAAM Battalion. A copy of the document transferring records of permanent or historical value shall be furnished to CMC (Code ABA).

9. Self-Cancellation. 31 January 1970.

William G. Johnson
 WILLIAM G. JOHNSON
 Deputy Chief of Staff (Air)
 Acting

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